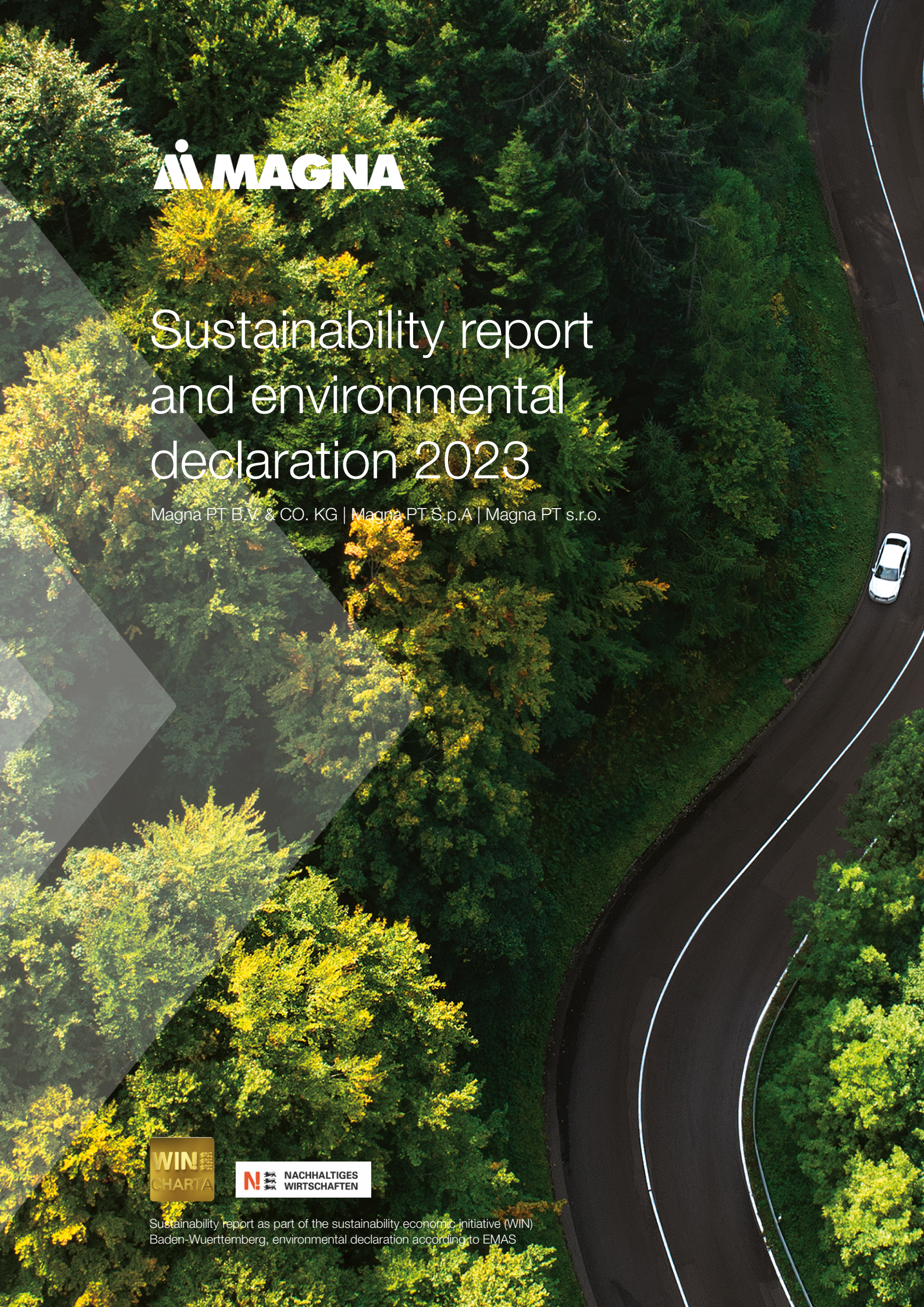

Sustainability report and environmental declaration 2023

Magna PT B.V. & CO. KG | Magna PT S.p.A | Magna PT s.r.o.

Sustainability report as part of the sustainability economic initiative (WIN) Baden-Wuerttemberg, environmental declaration according to EMAS

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Foreword

The world is changing with great dynamism. In an age of climate change, great uncertainty in the field of energy supply and precarious human rights situations in many countries, sustainable economic management becomes more and more important for companies such as Magna.

In many parts of the economy, the main focus has so far always been on guaranteeing high quality at affordable prices. Due to external factors and also an increased awareness for responsible behaviour in European economies and societies, aspects which concern not only economic considerations but also all three pillars of today's current concept of sustainability must be considered.

The three pillars are social responsibility, ecological responsibility and economic presentability.

Numerous processes at the EMAS-validated Magna Powertrain sites contain rules which we implement to assume these responsibilities. For example, we assess the influence of the product lifecycle and associated processes on the environment and society and also the human rights situation. Possible courses of action are derived from the results. The relevance of the aspects examined and the possible courses of action are assessed and measures are defined if meaningful and possible.

Such measures can affect internal guidelines and processes but also to some extent external partners which maintain business relations with EMAS-validated Magna Powertrain sites.

In the coming years, changes caused by the global political situation and changing climatic conditions must be expected which will force industry and society to find solutions. Innovative and simultaneously sustainable actions are part of our strategy for being well-prepared for this.

Through our employees' creativity, spirit of innovation and sense of responsibility we will make our sustainable contribution to a world living in with a high standard of living.

We look forward to these tasks.

Peter P. Tillmann
Director QEHS
(Quality Environment Health and Safety)

01

Our vision of sustainability

Our vision

Progress in mobility for all.

Our mission

We deploy our expertise responsibly to create a better world of mobility.

We do this by developing technologies, systems and concepts which make vehicles safer and cleaner.

Magna continues to be committed to sustainability because we recognise the reality of climate change and its effects on our planet. We are intent on doing the right things today so that our company interests are not a burden to future generations. We are fighting climate change and reducing our global CO_2footprint with innovative products, energy-conscious production, teamwork and tenacity.

We at Magna are making all possible efforts to best protect and conserve our planet. The technologies, systems and concepts developed at Magna are intended to make mobility safer and cleaner for all.

Our approach to sustainable value creation comprises:

- The design, engineering, manufacture and supply of innovative product solutions for our customers in order to achieve joint goals such as reduced weight, lower fuel consumption and reduced CO_2emissions
- Optimisation and innovation of our manufacturing processes with regard to resource and input efficiency and product quality
- Improvements in the energy efficiency of our plant to achieve reductions in Scope 1 greenhouse gas emissions
- Development of our timetable for the transition to 100% renewable energy to reduce our Scope 2 emissions
- Collaboration with our supply chain with regard to Scope 3 emissions
- Treating our staff fairly and paying attention to their health, safety and general well-being
- Serving as a good social partner, especially in municipalities in which our staff live and work

The aim of our sustainability report is to convey a better understanding of how we are approaching the definition of sustainable long-term goals and how we manage sustainability-related risks.

The report is based on the principles of the Baden-Wuerttemberg economic initiative for sustainability (WIN) and the requirements of the ecological management and audit scheme (EMAS).

Our deep connection to the automotive industry goes back to 1957 and the start of our collaboration with General Motors. Today, we produce a large number of different products from seats to drive trains and are the only automotive supplier which builds complete vehicles.

We are pioneers in the technical revolution in the automotive industry and forerunners in all areas of mobility for the future with a main focus on electrification and fully automatic vehicles.

A further aim is to be the preferred supplier for our customers in the automotive industry by supplying innovative products and processes and also world-class manufacturing at the best possible cost-performance ratio.

We want to be a top-class employer, an ethical and responsible corporate citizenship and a first-class long-term investment for our shareholders.

The Magna concern regards supporting society and environmental protection through programmes and community activities as a duty.

02

Company portrait

Company profile

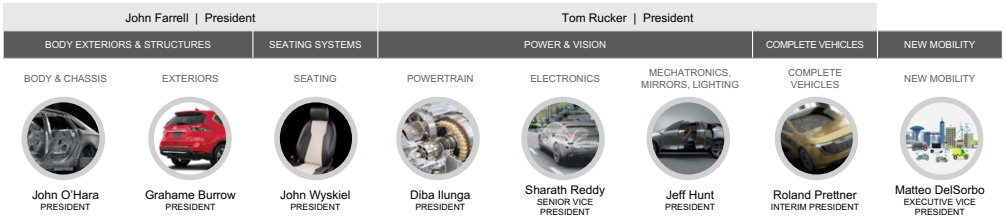
Magna International

We are a leading worldwide automotive supplier with 345 production sites and 90 product development, engineering and sales centres in 28 countries. We employ more than 170,000 staff whose aim is to provide our customers with outstanding services through innovative processes and world-class manufacturing.

Global presence

NORTH AMERICA	
139	Manufacturing / Assembly
25	Engineering / Product Development / Sales
77,650	Employees
SOUTH AMERICA	
10	Manufacturing / Assembly
3	Engineering / Product Development / Sales
3,050	Employees
EUROPE	
112	Manufacturing / Assembly
50	Engineering / Product Development / Sales
55,725	Employees
AFRICA	
2	Manufacturing / Assembly
1	Engineering / Product Development / Sales
1,500	Employees
ASIA	
88	Manufacturing / Assembly
24	Engineering / Product Development / Sales
36,575	Employees

Swamy Kotagiri	CHIEF EXECUTIVE OFFICER
Vince Galifi	PRESIDENT
Pat McCann	CHIEF FINANCIAL OFFICER
Eric Wilds	CHIEF SALES & MARKETING OFFICER
Aaron McCarthy	CHIEF HUMAN RESOURCES OFFICER
Boris Shulkin	CHIEF DIGITAL AND INFORMATION OFFICER
Anton Mayer	CHIEF TECHNOLOGY OFFICER
Bruce Cluney	CHIEF LEGAL OFFICER
Uwe Geissinger	PRESIDENT MAGNA EUROPE
Zhen Wu	PRESIDENT MAGNA CHINA



Magna International concern structure & global management
(Status 19/04/2023)

Magna Powertrain organisational unit

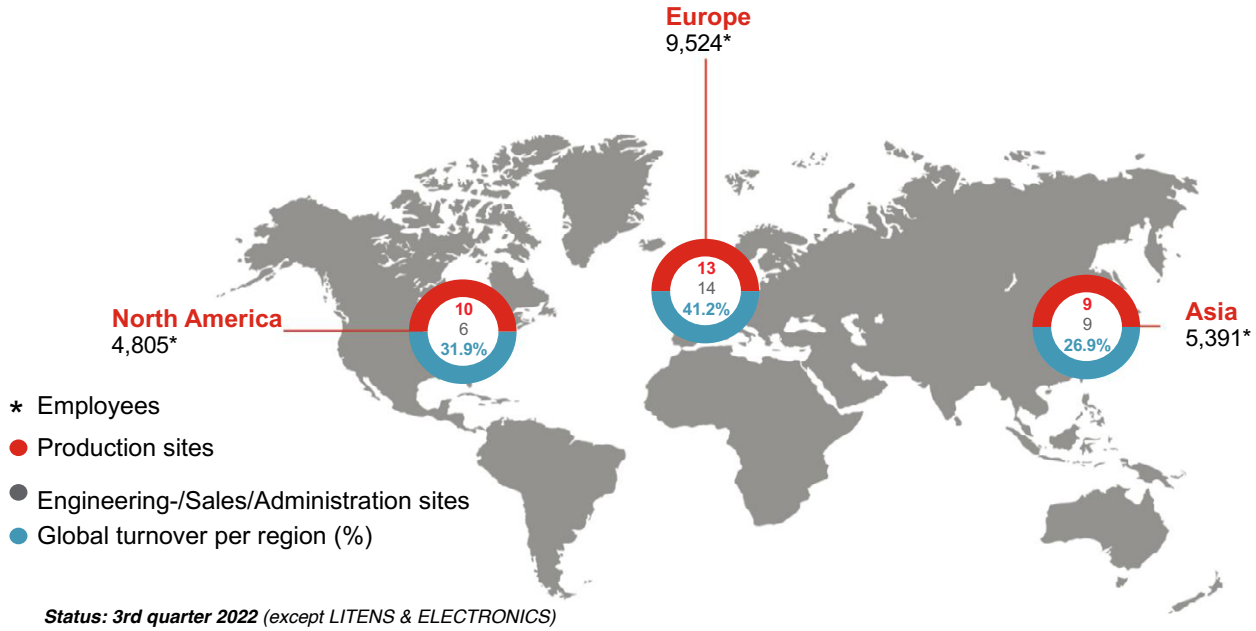
Magna Powertrain keeps a constant eye on the continuous changes in modern mobility and is ideally equipped to fulfil all our customers' current and future drive requirements. We are setting new standards with our broad and innovative electrification portfolio. Well-established strategic joint ventures with LG Electronics and Hasco are accelerating the growth of both partners in the electric drive market.

Magna Powertrain is a business unit of Magna International and a long-term, leading supplier for the global automotive industry with extensive competence in the areas of design, development, testing and production of drive trains.

As one of the globally largest providers of drive and four-wheel systems and their subsystems and components for passenger vehicles and light commercial vehicles we hold a unique place in the market. Our innovations contribute to the overall performance of the vehicle by always aiming at the next stage of Co_2emission reduction, best-in-class efficiency, vehicle safety, comfort and driving pleasure.

The following diagram shows the Magna Powertrain organisation which applies as of January 2023.

Global presence



Status: 3rd quarter 2022 *(except LITENS & ELECTRONICS)*

EMAS-validated sites under Magna Powertrain

The following sites under Magna Powertrain are EMAS-validated and are included in this report:

Magna PT B.V. & Co. KG
Hermann-Hagenmeyer-Strasse 1
74199 Untergruppenbach

Magna PT International GmbH
Hermann-Hagenmeyer-Strasse 1
74199 Untergruppenbach

Magna PT B.V. & Co. KG
Hermann-Hagenmeyer-Strasse 1
74632 Neuenstein

Magna PT B.V. & Co. KG
Hermann-Hagenmeyer-Strasse 1
74749 Rosenberg

Magna PT B.V. & Co. KG
Industriestrasse 5
78112 St. Georgen

Magna PT B.V. & Co. KG
Wilhelm-Maybach-Strasse 10a
74196 Neuenstadt a.K.

Magna PT B.V. & Co. KG
Scarlettallee 2
50735 Cologne

Magna PT S.p.A.
Via die Ciclamini 4
70026 Modugno (BA) Italy

Magna PT s.r.o.
Perinska cesta 282
04458 Kechnec Slovakia

Our approach to sustainable value creation comprises:

The sites listed above have been part of the Magna Powertrain family since 2016. We complement the Magna Powertrain's product portfolio with over 80 years of experience and products for manual, dual clutch and hybrid gearboxes. As a transmission specialist, we cover the entire development chain from the idea to series production. Based on countershaft technology, which is deployed with all our transmission designs, our products offer a variable combination of efficiency, driving comfort and performance.

The Bordeaux and Bad Windsheim sites are no longer part of this report as from this year. The Bordeaux site was sold at the end of 2022. The Bad Windsheim property was sold. The site has been cleared and machines and infrastructure dismantled. Approvals are being handed back, systems hazardous to water emptied and the liquids they contained disposed of appropriately. Expert examinations take place as necessary. The refrigerating plant was signed off with approval certificates. All plant was closed down. Waste and fluorinated gases were disposed of appropriately. An exit audit to document the current status took place at the end of March 2023. All relevant documents are archived in Untergruppenbach.

We will speak of Magna Powertrain EMAS sites and us in the further course of the sustainability report. To be more precise, the above sites are being referred to.

There an environment, health, safety and social responsibility organisation at each of these sites which oversees the different aspects of EHS/SR management. The EHS/SR organisation at the sites is advised by the ESH/HR management group office. There are an EHS/SR team, EHS team management and various statutorily and voluntarily appointed officers at each site. The management at each site has overall responsibility for the EHS/SR management system.

All EMAS-relevant chapters are marked with the green leaf.

Terms and definitions

Equivalence transmission:

Equivalence transmissions (ET) were used to form environmental key data These equivalence transmissions are needed as the different gearboxes and components from Magna Powertrain EMAS sites differ greatly in size, complexity and production time in some cases and only become summable via the ET comparison. For production sites the ET is calculated from the overall total of machine running times, depending on production volume and the transmission/component types produced, divided by a globally defined factor of 123.4 minutes per transmission. The ET was calculated via a factor from the work hours completed for on-production sites.

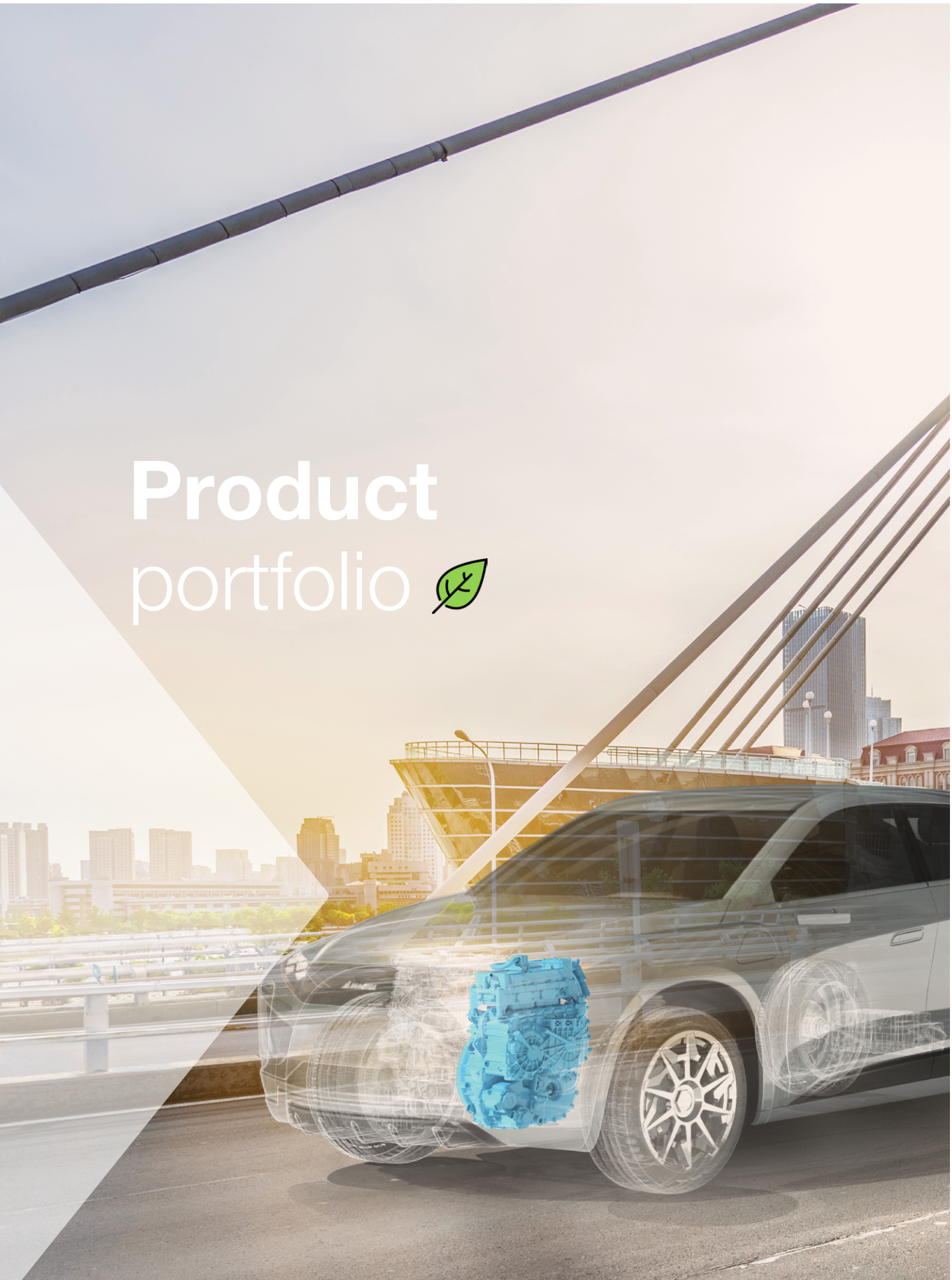
Roadmaps:

Roadmaps are compiled and maintained to achieve the overarching aim of annual savings of 2% (starting basis: 2013) in the areas of energy, water and waste. The target and actual figures and respective individual measures with savings potentials over defined periods are documented there.

Materiality principle

We are documenting our sustainability work with this report. The report follows the materiality principle. It contains all information necessary to understand our company's sustainability situation and reflects our company's main economic, ecological and social impacts.

03

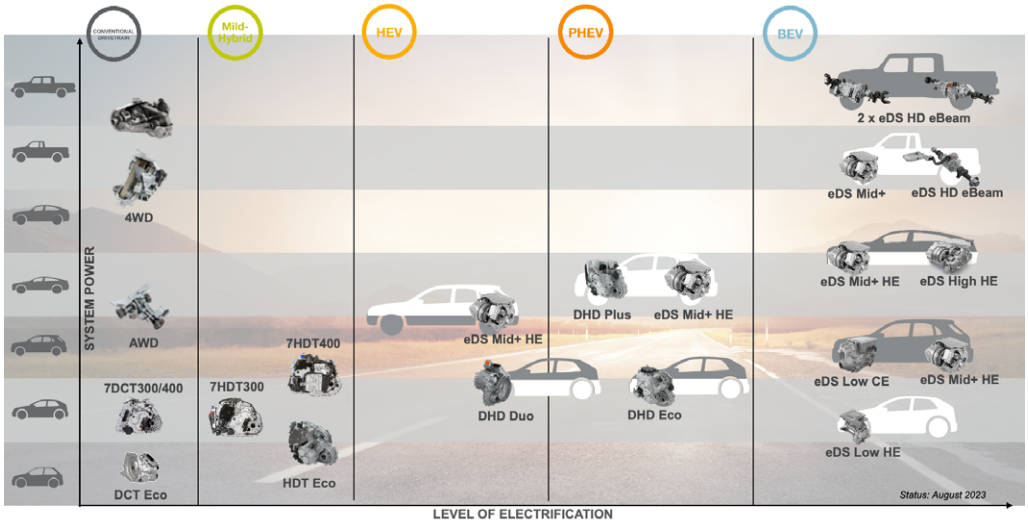


Product portfolio

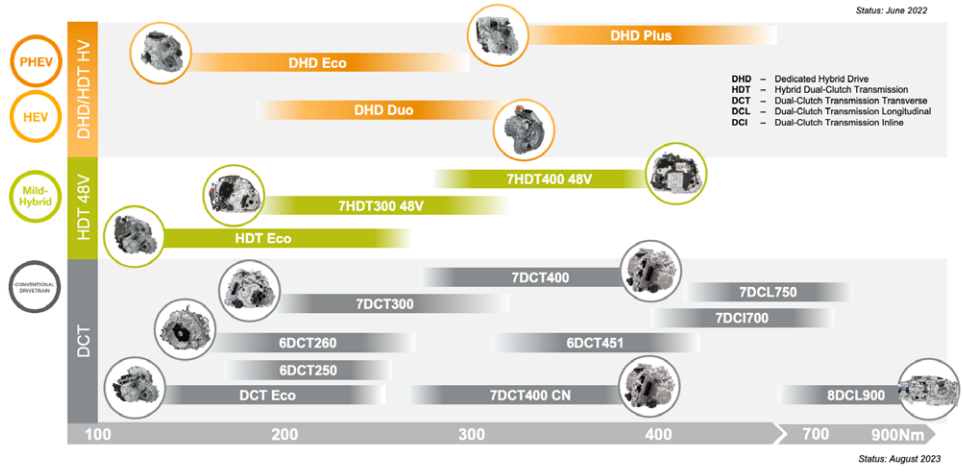
The drive train of the future must be environmentally friendly and simultaneously maintain vehicle dynamics and active safety. Thanks to global collaboration, Magna Powertrain engineers know the automotive market and the trends which influence it.

Magna Powertrain's innovations allow a sustainable approach for energy-efficient modern mobility. We are advancing progress in reducing CO_2 emissions by increasingly concentrating on electrification, hybrid technology and lightweight concepts. In order to further reduce the energy footprint, our teams combine sustainable technologies with the most modern methods during the manufacturing and assembly process. We ensure that both drivers and passengers reach their destination comfortably and safely with innovative vehicle systems and consistent vehicle safety and dynamics.

Magna Powertrain product portfolio



Dual clutch transmission system product portfolio



Products for conventional drives

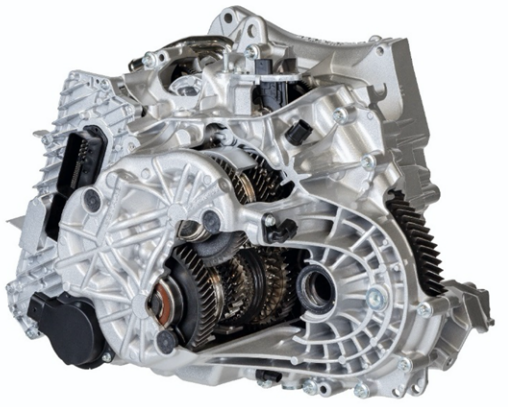
Electric drives are our path to the future. Efficient conventional drives are part of our DNA.

The market is very clearly developing in the direction of electro-mobility. Nevertheless, conventional drives will continue to make up a considerable market share in the coming years. For this reason, Magna is continuing to work intensively on further improving the efficiency of conventional drive systems. As a long-established premium supplier to the global automotive industry, we have extensive experience and a unique position in the market. With our professional knowledge we create innovations which increase vehicle performance with all drive types and thus make an important contribution to reducing CO_2 emissions.

All Magna drive systems are based on countershaft technology and allow different combinations of efficiency, driving comfort and performance. This technology offer a variety of transmission options and allows the adaptation of individual gears and the gear spread to the specification of the respective engine. The motor can thus always be operated within the ideal operating range. In addition, the drive itself suffers only minimal friction losses so that significantly more than 95% efficiency can be achieved.

Dual clutch transmission: two transmissions in one

Magna dual clutch transmissions offer the best driving comfort, the highest efficiency and the supercar driving dynamics of a sports car. Intelligent software ensures that the next gear s already preselected whilst a gear is active. Two clutches are activated alternately when the gear is changed. This permits seamless gear changes without interrupting torque and also accelerated gear changes and avoids the jerking associated with conventional automatic transmissions.

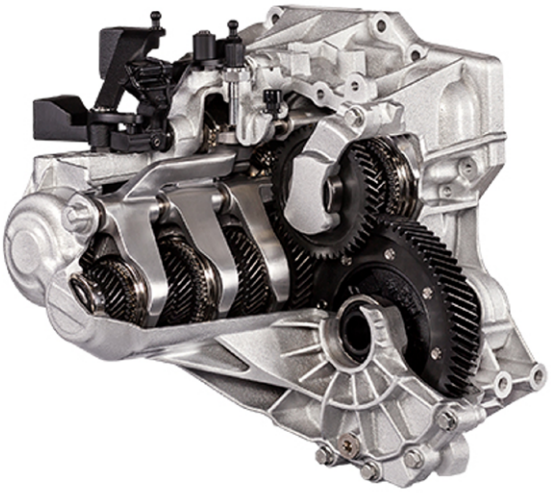


Dual clutch transmissions are more than 20 percent more economical in some driving cycles and vehicles compared to conventional automatic transmissions.

Manual transmission: Modular manual transmission

Magna's manual transmissions are based on a modular concept. We can use one design for several engines by varying the rotational speed and the maximum torque density. We also continuously optimise all elements of the transmission design from bearings and seals to power density and fuel efficiency. Consistent weight reduction rounds off our efforts to make our transmissions as efficient as possible.

We build inline transmissions for rear and four-wheel drives for passenger and light commercial vehicles, transaxial longitudinal transmissions for front, rear and four-wheel drives and transaxial transmissions for front and four-wheel drives.



Electrified drive train technologies

Best-in-class driving experience for all electrified platforms.

Electrification is in full swing – and the real innovators are thus no longer just those companies which provide electric drive products. Real innovative power comes from those who bring electrification to the next stage of efficiency and range. Magna faces this challenge with its best-in-class portfolio based on scalable modules and profits from its long-term experience with transmission and drive systems. We develop highly innovative solutions which fulfil a wide variety of customer requirements and simultaneously result in the best combination for BIC efficiency, safety, driving dynamics and comfort.

BIC efficiency optimises energy consumption during the entire product service life. BIS safety stands for a completely new level of control and active safety which are required for increasingly automated driving and e-mobility. IC driving dynamics ensure unlimited driving fun without comprising safety. BIC comfort makes it simpler to estimate charging location and time.

Whether vehicle competence, complete drive systems or components – with its EtelligentDrive transmission solutions Magna supplies these advantages for all mild, full and plug-in hybrid platforms and also for electric battery vehicles.

PHEV – Products for full & plug-in hybrid vehicles

The route to zero emissions is a long-distance one. We have the experience and the stamina.

The automotive market demands different hybridisation systems to cope with global demand. Magna's hybrid transmission families face up to these different tasks such as acceleration through boosting, energy recovery or recuperation or battery charging strategies up to full electric driving.

Magna has many tailor-made solutions for tomorrow's green mobility which make no compromises to driving pleasure, performance or safety.

Our dedicated hybrid drives (DHD) are cost-optimised, efficient plug-in hybrid drives with high-voltage architecture. They are based on Magna modular scalable components and include electric motors, inverters, switching elements, clutches and software. This modular tool kit allows the cost-efficient and flexible use of highly developed components for all dedicated hybrid drives.

Hybrid drives – product portfolio

The greatest flexibility for many applications.

Generally, an electric machine has to be added to the transmission or engine in order allow boosting and recuperation. However, this also leads to a critical consideration of costs and benefits. With the new dedicated hybrid drives (DHD) we have simplified our existing hybrid concepts and used our long-term experience of development with hybridised dual clutch transmissions. We added have a powerful electric machine, pushed the dynamic operation in its direction and simultaneously standardised motor operation and reduced the number of gears.

More information on the Magna product portfolio is available from our website at:
https://www.magna.com/products

04

Guidelines

Magna's fair enterprise culture is based on fairness and considerateness for people and recognises that their input and commitment are fundamental for the success of the company. Our general Magna Powertrain EMAS site guidelines are examined in this chapter.

The Magna employees' charta, the operational principles and our code of conduct and ethics are the elements of a working environment which promotes innovation, commitment and teamwork. We all work together in the company as a team to ensure production at world-class level and to supply our customers with products of the highest quality and with the newest innovations.

Since the automotive sector is constantly becoming more complex and hardly contested it is important for us to conduct business in an ethical manner and in keeping with our company guidelines.

Magna has undertaken to do business with integrity, fairness and respect in all countries in which we operate. Our employees will neither directly nor indirectly offer bribes, payoffs or other money with the intention of influencing business decisions. We expect our suppliers to implement guidelines and procedures which prevent similar attempts at bribery by their own staff. We will conduct our supplier relations in good faith and expect our suppliers to behave in the same way in their relations with us and their own suppliers.

Magna has set itself the goal of leading the industry in terms of health, safety and environmental practices in its companies and to minimise the impact of its companies on the environment with technical innovation and process efficiency and also create safe and healthy working conditions. Each Magna group has site-based guidelines and action plans with regard to health, safety, industrial hygiene, ergonomics, preparedness for emergencies and environmental protection. That is our sustainability policy within Magna Powertrain EMAS sites which is set out at the end of this chapter.

Operational Principles

On our journey to world-class manufacturing, staff and management work together at Magna in partnership with the aim of achieving operative peak performance based on the following principles:

- Employees always in focus
- Healthy and safe working environment
- Carrying out work and quality
- Integrity and respect
- Operative efficiency
- Avoiding wastefulness and waste
- Availability of machines and plant
- Communication
- Rewards and recognition

The original text can be viewed on the Magna website.

Employee charta

The employee charta provides the framework for fairness in the workplace. This charta covers main employee needs worldwide across cultures and borders with six simple, general principles.

- Securing the workplace
- A safe and healthy workplace
- Fair treatment
- Wages, salaries and additional benefits in line with the market
- Employee capital and profit sharing
- Communication and information
- The hotline

The original text can be viewed on the Magna website.

Code of conduct and ethics

This code serves as orientation with complying with ethical standards. Magna expects and demands of all staff that they act in line with current legislation and in compliance with our basic values and business principles. The same is also expected of our suppliers, consultants, independent contractors and sales and other representatives. Infringements of this code can entail disciplinary measures or even summary dismissal and can lead to us terminating business relations with third parties.

This standard covers the following:

- Our treatment of colleagues in the workplace
- Our responsibilities with regard to the environment
- Competitive practices
- Contact with officials and
- Protecting Magna's and our customers' confidential information.

With this code of conduct, we at Magna want to give all staff clear orientation as to how and with what conduct we wish to achieve our goals and demonstrate possibilities for action which comply with the law, regulations and all guidelines.

We undertake to mandatorially comply with all laws and regulations of the countries in which we operate worldwide. This also applies to all internal guidelines, standards and other process descriptions.

The original text can be viewed on the Magna website.

Core values

Just as character traits distinguish a person, Magna's core values describe characteristics which are important to us and which we advocate internally and externally. The Magna core values are being introduced as part of the Magna brand story entitled Progress in Mobility for All to replace the previous Magna Powertrain values.

Our core values

Our core values are reflected in our employee charta and define us as individuals and a company.

Think big

We encourage every single person to act self-confidently.

Take on responsibility

We act responsibly, fulfil our obligations and support one another.

Never be satisfied

We are constantly striving for innovation and improvement and ask the right questions.

Be co-operative

We perform best when we work together.
With respect and prudence.

Global working standards

Magna is aware of the importance of reconciling social responsibility with business goals. Beyond this, we must accommodate the expectations of numerous interest groups such as shareholders, customers, social groups and governments - especially with regard to the fair and ethical treatment of our own employees.

This guideline applies to all operative areas, works and other global Magna businesses. It applies equally to all persons who act on behalf of Magna, for example employees, managers, directors, consultants and representatives. We also expect our suppliers to comply with this guideline.

These global working standards are the expression of fair enterprise culture and are in harmony with the following declarations and agreements:

- General declaration of human rights (United Nations (UN))
- Core working standards (International Labour Organization (ILO))
- Declaration of basic principles and rights at work (ILO))

Magna's social and work standards are based on the core principles of international, national and local legislation including country-specific laws and different wage agreements, tariff agreements and contractual obligations of a local nature.

The original text can be viewed on the Magna website.

Sustainability policy

The Magna Powertrain EMAS sites' sustainability policy, which also contains our environmental policy, contains company policy guidelines for the areas of environment and energy, occupational and health protection and social responsibility. In the course of this we have undertaken to improve our environmental performance, avoid environmental damage and comply with environmental regulations.

Magna Powertrain EMAS sites aspire to sustainability in all activities in order to achieve a balanced ratio of the aspects of economics, social responsibility, environmental protection, energy efficiency and occupational and health protection.

The accountability and transparency of this guideline are guaranteed by regular checks, state control measures, management assessments and sustainability reports.

Policy content

Occupational and health protection

The physical integrity of all our stakeholders (for example employees, suppliers and visitors) has the highest priority at Magna Powertrain EMAS sites. We (Magna Powertrain EMAS sites) have therefore undertaken to apply a zero-tolerance strategy towards hazards to health and occupational safety in order to guarantee our employees' occupational and health safety. We create and maintain an excellent, safe and ergonomic working environment.

Environmental protection

All Magna Powertrain EMAS sites have undertake to use natural resources responsibly and avoid and reduce environmental impacts such as emissions, energy and water consumption or waste and thus not to endanger the environment.

Focus on sustainability

Magna Powertrain EMAS sites develop and manufacture their products and buy in materials and services with a strong focus on sustainability.

Continuous improvement

All Magna Powertrain EMAS sites have undertaken to continuously improve environmental protection, occupational and health protection and social responsibility. We have undertaken to implement, maintain and continuously improve our certified management system at all sites, taking special account of social responsibility, the environment, energy and occupational and health protection.

Compliance and transparency

All Magna Powertrain EMAS sites have undertaken to comply with statutory or other regulations in individual countries and to guarantee full transparency as a minimum standard in this regard. We will however always try to exceed the standard.

We respect and confirm the following framework and other agreements:

- General declaration of human rights UN
- ILO core work standard
- ILO Declaration of basic principles and rights at work
- OECD-Leitsätze für multinationale Unternehmen (Organisation for Economic Co-operation and Development)
- UN guiding principles for the economy and human rights

The accountability and transparency of this guideline are guaranteed by regular checks, state control measures, management assessments and sustainability reports.

Training and awareness

All Magna Powertrain EMAS sites have undertaken to involve, inform and accordingly train our staff, our business partners and main service providers.

Human rights

All Magna Powertrain EMAS sites respect the dignity of all people and support compliance with internationally recognised human rights. We reject all forms of physical, sexual psychological or verbal abuse of our staff. We respect freedom of opinion and the freedom to express an opinion.

Children's' rights

All Magna Powertrain EMAS sites condemn child labour and respect children's rights. We comply with applicable laws and regulations with regard to the minimum age for permitting employment or work.

Protection against discrimination

Interaction at Magna Powertrain EMAS sites is characterised by respect and tolerance and is free from discrimination or harassment due to sex, race, ethnic origin, nationality or caste, age, religion, sexual orientation, physical or mental disability or other statutorily protected characteristics.

Tolerance and equality of opportunity are requirements for a pleasant working environment. All employees chances depend exclusively on their performance, their skills and competences depending on the requirements of their respective workplace.

Fair working conditions

Remuneration and social benefits at Magna Powertrain EMAS sites correspond as a minimum to international, national and regional statutory provisions or corresponding agreements (living wage). All applicable regulations with regard to working hours and vacation are complied with.

Free choice of workplace

Magna Powertrain EMAS sites reject all kinds of forced labour and physical maltreatment as a disciplinary measure will not be tolerated. We respect the principle of a free choice of workplace.

Freedom of association and collective negotiations

We, the Magna Powertrain EMAS sites, recognise and respect the right of employees to freedom of association. We will work constructively with recognised representatives to promote the interests of our employees.

Within the framework of the corresponding statutory regulations we respect the right to collective bargaining to settle disputes regarding working conditions and collaborate constructively with mutual trust and respect. We commit to the appropriate consultation and participation of our employees or their representatives.

Relations with our stakeholders

Magna Powertrain EMAS sites respect, include and react to the interests of our stakeholders.

We have undertaken to include our stakeholders in our efforts to achieve better social responsibility, energy efficiency and also better environmental and occupational and health protection and to inform them of our progress.

Implementation and responsibility

Responsibility for the implementation of the sustainability guideline lies with management in the business areas at the company's sites. All Magna Powertrain EMAS site employees are responsible for complying with this policy and for active contributions to its success.

We track the adoption and implementation of these requirements and guidelines in our supply chain in accordance with contractual stipulations. We want to fund and make us of business partners which conduct their business according to standards which comply with these basic principles.

Employees who believe that this guideline has been breached should report this via existing channels which may differ according to region. We will take appropriate measures to follow up on these reports. No retaliatory measures will be taken against employees who report infringements or who are involved in investigations of infringements which are reported by others.

The original text can be viewed on the Magna website.

In addition, Magna Powertrain EMAS sites undertake not to implement any new projects within or in the vicinity of World Heritage sites.

Code of conduct and ethics for suppliers

Magna's code of conduct and ethics for suppliers covers the basic principles which we follow internally at Magna and the demands we make of every company which provides us with goods or services to any Magna unit. We expect our suppliers to comply with the standards in the code in all cases, even if compliance is not provided for by legislation as part of normal business practice.

Magna's code of conduct and ethics for suppliers offer framework conditions for successful business relations with Magna or with possible subcontractors which arise from collaboration with Magna. The code of conduct and ethics represents a major part of our general contractual relations with you as a supplier, for which reason it is important for you to understand and comply with it.

This standard covers the following:

- Promotion of integrity in business operations
  - Cartel and competition legislation
  - Anti-bribery and anti-corruption legislation
  - Presents and hospitality
  - Sanctions and export control legislation
  - Procurement of materials from crisis areas

- Promotion of integrity at our workplace
  - Safeguarding of work standards and human rights
  - Diversity and inclusion
  - Health and safety
  - Ecological sustainability

- Promotion of integrity through our actions
  - Conflicts of interest
  - Protecting Magna's information and intellectual property

- Promotion of integrity through good communications
  - Reporting incidents and retaliatory measuresn

The original text can be viewed on the Magna website.

Global supply chain requirements handbook

In light of an increasingly competitive and demanding sector, Magna has set up a diversified global supply chain to support our global operations and ultimately our OEM customers. Magna has carried out extensive changes in recent years. We as Magna are continuously developing further in order to underpin our position as a leading design, engineering and manufacturing company.

We know that our supply chain is a central component of what we do. For this reason, we wish to further standardise our processes and systems in supply chain management. Global supply chain requirements serve as the basis for business relations with our suppliers. In addition to the definition of production, logistics and quality requirements, they supply details on environmental protection, compliance and other sustainability tasks which today play an important role in the sector.

The requirements Magna has set out apply to all production sites worldwide. Under certain circumstances additional customer or site-specific requirements apply at site level which are more precise or strict than the conditions which are listed in global supply chain requirements. Suppliers are expected to fulfil both requirement standards.

The original text can be viewed on the Magna website.

Global responsible raw materials policy & sustainability / ESG management requirements of the Magna Powertrain Group to be met by sub-suppliers

The following documents already form part of our contracts with suppliers:

- Magna purchase order terms and conditions
- Magna general terms and conditions of procurement for production materials, spare parts and direct manufacturing equipment for automotive sector products (EU)
- Magna global supply chain requirements
- Magna global work standards
- Magna code of conduct and ethics for suppliers
- Magna Powertrain declarable and prohibited substances management standard version

A new Magna Powertrain worldwide standard regarding sustainability in the supply chain was published in 2022 in addition to these sustainability-relevant documents for suppliers. The new standard emanates from an existing document which consisted mainly of quality requirements. Due to its importance and also constantly growing sustainability requirements it was decided to publish a separate document. As already mentioned, the contents are to be regarded as a supplement to already existing documents for the supply chain.

This standard covers requirements for the following topics:

- Sustainability management system
- Global work conditions in the supply chain
- Duties of care in the supply chain
- Climate protection and CO_2
- Eco-social lifecycle analyses
- Responsible critical raw materials
- International material data system (IMDS)
- Report on conflict materials and cobalt
- Further aspects with regard to ecology, recycling and hazardous substances
- Subcontractor management

The original text can be viewed on the Magna website.

Magna responsible critical raw materials policy

The production of the Magna responsible critical raw materials policy is one of the measures which is derived from the Master's theses described in the chapters on Guiding principle 06 – Product responsibility: As regards content, the procurement of critical raw materials should be made more sustainable in the medium to long term (e.g. By increasing the recycling quota , reducing the CO_2 footprint or certifications in accordance with IRMA (Initiative for Responsible Mining Assurance) and/or Aluminium Stewardship Initiative (ASI)). Magna wishes to commit to gradually only use raw materials the extraction, production, transport, trading, processing and export of which neither directly nor indirectly contributes to violations of regulations, environmental pollution human rights violations or health and safety problems. As part of our risk assessment the following raw materials were identified as potentially high-risk materials relevant for Magna and included in our activities associated with human rights due diligence. The raw materials are listed in alphabetical order. The drive sustainability/responsible minerals initiative (RMI) material change report was the source for the assessment:

Aluminium/Bauxite	Natural rubber
Cobalt	Nickel
Copper	Palladium
Graphite	Rare earth metals
Leather	Steel/Iron
Lithium	Tin, tantalum, tungsten and gold
Mica	Zinc

The Magna responsible critical raw materials policy was integrated into the Magna Powertrain standard regarding sustainability in the supply chain in March 2023 and published as a common standard.

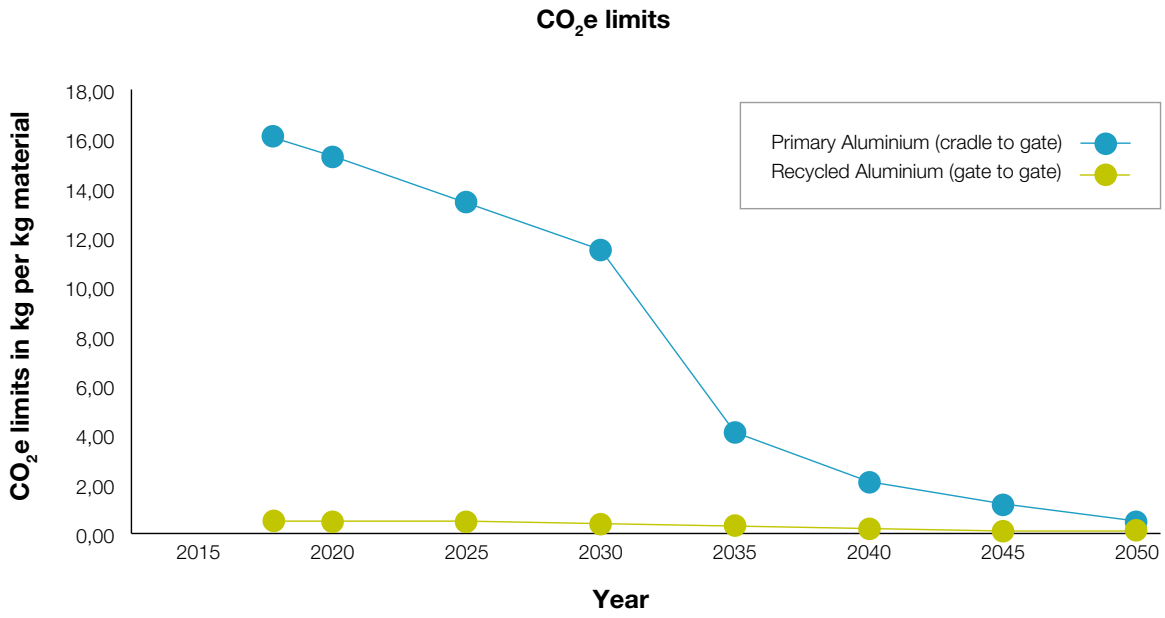
Magna Powertrain's first material-related roadmap for achieving CO_2 neutrality (including Scope 3) with regard to aluminium was also published in the course of publication.

Magna Powertrain has committed itself to specific CO_2 e-emissions factors for aluminium. The specified CO_2e-maximum values are compliant with the aim of the Paris Agreement of limiting global warming to below 1.5°C compared to pre-industrial levels and are based on scientific findings in accordance with the latest IPCC and European Scientific Advisory Council on climate change.

The respective boundary values are calculated on the basis of the global CO_2e-budget for the aluminium industry and estimated future aluminium production. The values are based on the International Aluminium Institute's most comprehensive, detailed and current sector-wide data record to date and its material flow analyses and models.

Suppliers are expected to not exceed the defined CO_2e-maximum values depending on the type of production and exploitation of the raw material used. These cover the extent of raw material production (cradle to gate) without subsequent processes such as assembly or shaping.

Production of raw material	**CO_2e limits in kg per kg**							
	2018	**2020**	**2025**	**2030**	**2035**	**2040**	**2045**	**2050**
Primary Aluminium (cradle to gate)	16.1	15.3	13.4	11.5	4.1	2.1	1.2	0.5
Recycled Aluminium (gate to gate)	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.1



Statement on modern slavery and human trafficking

Magna International Inc.'s declaration on modern slavery and human trafficking entitled Transparency in Supply Chains was compiled in compliance with the California Transparency in Supply Chains Act and the United Kingdom's 2015 Modern Slavery Act. This declaration set out the steps which Magna and its subsidiaries have undertaken in the respective business year to counteract the risk of slavery and human trafficking in its own companies and supply chain.

In this context a cross-functional working group was set up which meets regularly and monitors the following issues:

- Risk assessment of our activities with regard to slavery and human trafficking
- The preparation of this declaration
- Monitoring of regulatory developments and the development of the sector's best practices in relation to the prevention and/or reporting of slavery and human trafficking.
- Checking of Magna guidelines and practices in relation to slavery and human trafficking.

The original text can be viewed on the Magna website.

05

Certificates

Description of the certificates

ISO 45001

The ISO 45001 standard was published by the ISO in March 2018 and describes requirements of an occupational health and safety management system and guidance on implementation. ISO 45001 replaces OHSAS 18001. Reorganisation within Magna PT B.V. & Co. KG, Magna PT S.p.A and Magna PT s.r.o. was completed in 2020.

EMAS

The Eco-Management and Audit Schema is an environmental management and environmental auditing system developed by the European Union. It is used by organisations which wish to improve their environmental performance and within which open environmental communication is to be practised.

ISO 14001

The ISO 14001 international environmental management standard defines globally recognised requirements of an environmental management system. The standard focusses mainly on a continuous improvement process as a means of achieving the respective defined target in relation to the environmental performance of an organisation.

IQNet SR 10

IQNet SR 10 is an international standard which defined requirements of management system for the social responsibility of organisations. IQNet SR 10 is based on ISO 26000 which is an instruction manual describing fundamental principles of social responsibility in detail.

IATF 16949

The IATF 16949 (International Automotive Task Force) standard brings together existing requirements of quality management systems of the (mostly North American and European) automotive industry. It was developed jointly by IATF members and published based on EN ISO 9001.

TISAX

TISAX (Trusted Information Security Assessment Exchange) is a standard defined by the automotive industry for information security which has been required of many OEMs and suppliers since 2017. The German Association of the Automotive Industry (Verband der Automobilindustrie, VDA) has defined TISAX as a binding test standard for all TISAX-registered companies.

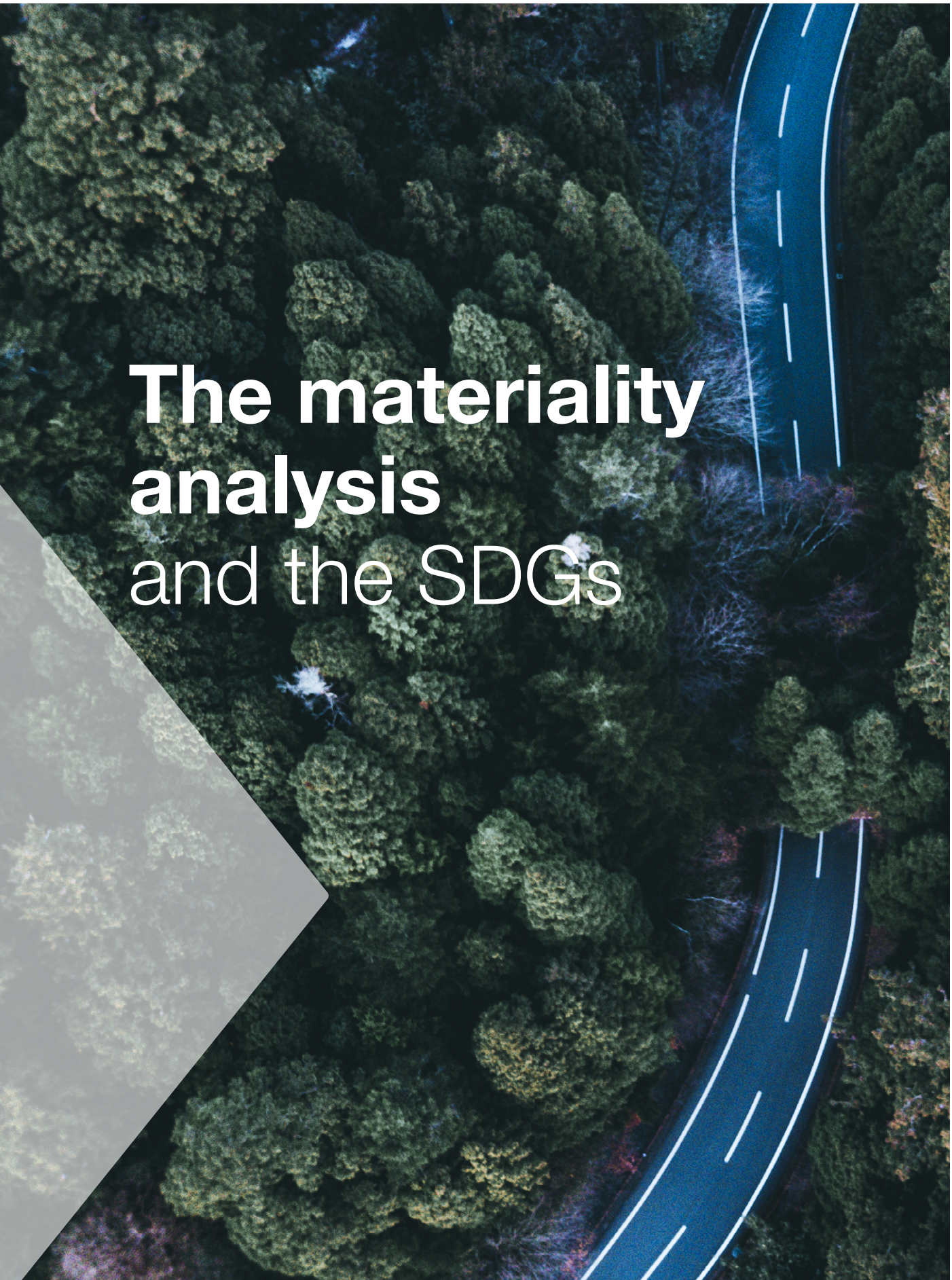
ASI

ASI (Aluminium Stewardship Initiative) is an aluminium industry certification standard which serves to ensure the responsible procurement of aluminium along the supply chain and is thus intended to prevent human rights violations and environmental destruction.

Status of certification and validation – overview of Magna PT B.V. & Co. KG, Magna PT S.p.A, Magna Pt s.r.o. Sites

Site	ISO 45001: 2018	EMAS	ISO 14001	IQNet SR 10	IATF 16949	TISAX	ASI
Untergruppenbach	since 2020	since 2003	since 2003	since 2015	since 2018	since 2020	since 2021
Neuenstein	since 2020	since 1997	since 1997	since 2018	since 2018	since 2020	since 2021
Rosenberg	since 2020	since 1996	since 1997	since 2020	since 2018	since 2021	since 2022
Neuenstadt	since 2020	since 2006	since 2006	since 2017	since 2018	planned in 2023	still open
St. Georgen	since 2020	since 2003	since 2000	since 2015	since 2018	since 2020	still open
Cologne	since 2020	since 2019	since 1998	since 2017	since 2018	since 2020	still open
Modugno	since 2020	since 2004	since 1999	since 2016	since 2018	since 2021	since 2022
Kechnec	since 2020	since 2022	since 2006	since 2016	since 2018	since 2020	since 2023

06



The materiality analysis and the SDGs

The United Nations passed the Agenda 2030 in 2015 with the 17 goals for sustainable development. Magna PT B.V. & Co. KG, Magna PT S.p.A and Magna PT s.r.o. also wish to contribute to the sustainable development goals (SDGs).

The materiality analysis was undertaken in 2018 for this reason by means of ISO 26000 and the SDGs.

The procedure was such that an internal team of experts made a preliminary selection of apparently relevant topics for all Magna Powertrain EMAS sites with regard to the environment and social and economic effects. In a second approach, in an internal brainstorming, an attempt was made to compile and assess further major topics. The stakeholders were always borne in mind for the selection. The results of these approaches were laid together and then a check was made as to which SDGs can be especially dealt with by us.

In the next step, the Magna Powertrain EMAS site management team trod the same path. A reselection based on ISO 26000 was made and the relevant SDGs derived from this. The expert and management teams evaluated the results together and discovered that mainly the same points had been presented.

Magna International also decided in 2020 to define higher-ranking SGDs for the Magna concern and focus in on them. Seven of the total 17 UN sustainability targets (SDG) were concentrated on especially. These were selected if they offered a universal framework which contributes to co-ordinating state, non-profit and social sustainability initiatives and offers a common platform for organisations to disclose and report on their sustainability.

SUSTAINABLE DEVELOPMENT GOALS

Since top management selected two SDGs other than those we at the Magna Powertrain EMAS sites chose, we have integrated these additionally. SDGs 5 and 10 are new in 2020 and newly added by Magna Powertrain EMAS sites. The overview shows all our currently focussed and promoted SDGs.

Work on individual SDGs is ongoing throughout the year. The SDGs were established and integrated at all Magna Powertrain EMAS sites. There is a regular exchange with the other sites. Ideas are exchanged at these meetings and aims which are meaningful for Magna Powertrain EMAS sites are summarised and bundled in order to prevent duplication.

07

The WINCharta

Commitment to sustainability and to the region

With the signing of the WIN charta we, the Magna PT B.V. & Co. KG sites (Untergruppenbach, Rosenberg, Neuenstadt and St. Georgen) commit to our economic, ecological and social responsibility. We also identify with the region in which we operate.

The 12 principles of the WIN charta

The following 12 guiding principles describe our understanding of sustainability.

Note:

GRI – This global reporting initiative develops guidelines for compiling sustainability reports for large companies, smaller and medium-sized companies, governments and non-governmental organisations in a participative process.

Human rights, social interests and employee concerns

Guiding principle 01 – Human and employee rights:

We observe and protect human rights as well as employee rights, secure and promote equality of opportunities and prevent all forms of discrimination and exploitation in all our entrepreneurial processes.

GRI 401, 405, 408, 414

Guiding principle 02 – Employee well-being:

"We respect, protect and promote the well-being and the interests of our employees."

GRI 401, 403, 404, 405, 4, 408, 414

Guiding principle 03 – Stakeholders:

"We include and consider all stakeholders and their interests in processes."

GRI 203

Environmental concerns

Guiding principle 04 – Resources:

"We raise resource efficiency, increase raw material productivity and reduce the utilisation of natural resources."

GRI 301, 302, 303, 304, 307

Guiding principle 05 – Energy and emissions:

"We use renewable energy, increase energy efficiency and lower greenhouse gas emissions in line with targets or compensate them climate-neutrally."

GRI 301, 302, 305, 307

Guiding principle 06 – Product responsibility:

"We assume responsibility for our services and products by examining the value creation process and the product cycle for their sustainability and create transparency in this regard."

GRI 301, 302, 303, 304, 307

Economic added value

Guiding principle 07 – corporate success and jobs:

"We ensure long-term company success and offer jobs within the region."

GRI 401, 405, 408, 414

Guiding principle 08 – Sustainable innovations:

"We promote innovations for products and services which increase sustainability and underline the innovative potential of Baden-Wuerttemberg's economy."

GRI 201, 203, 401, 405, 408, 414

Sustainable and fair finances, anti-corruption

Guiding principle 09 – Financial decisions:

"We act in the spirit of sustainability and above all also in the context of financial decisions."

GRI 203, 304, 401, 405, 408, 414

Guiding principle 10 – Anti-corruption:

"We prevent corruption and uncover and sanction it."

GRI 203, 205, 401, 405, 408, 414

Regional added value

Guiding principle 11 – Regional added value:

"We generate added value for the region in which we operate."

GRI 203, 401, 405, 408, 414

Guiding principle 12 – Incentives to rethink:

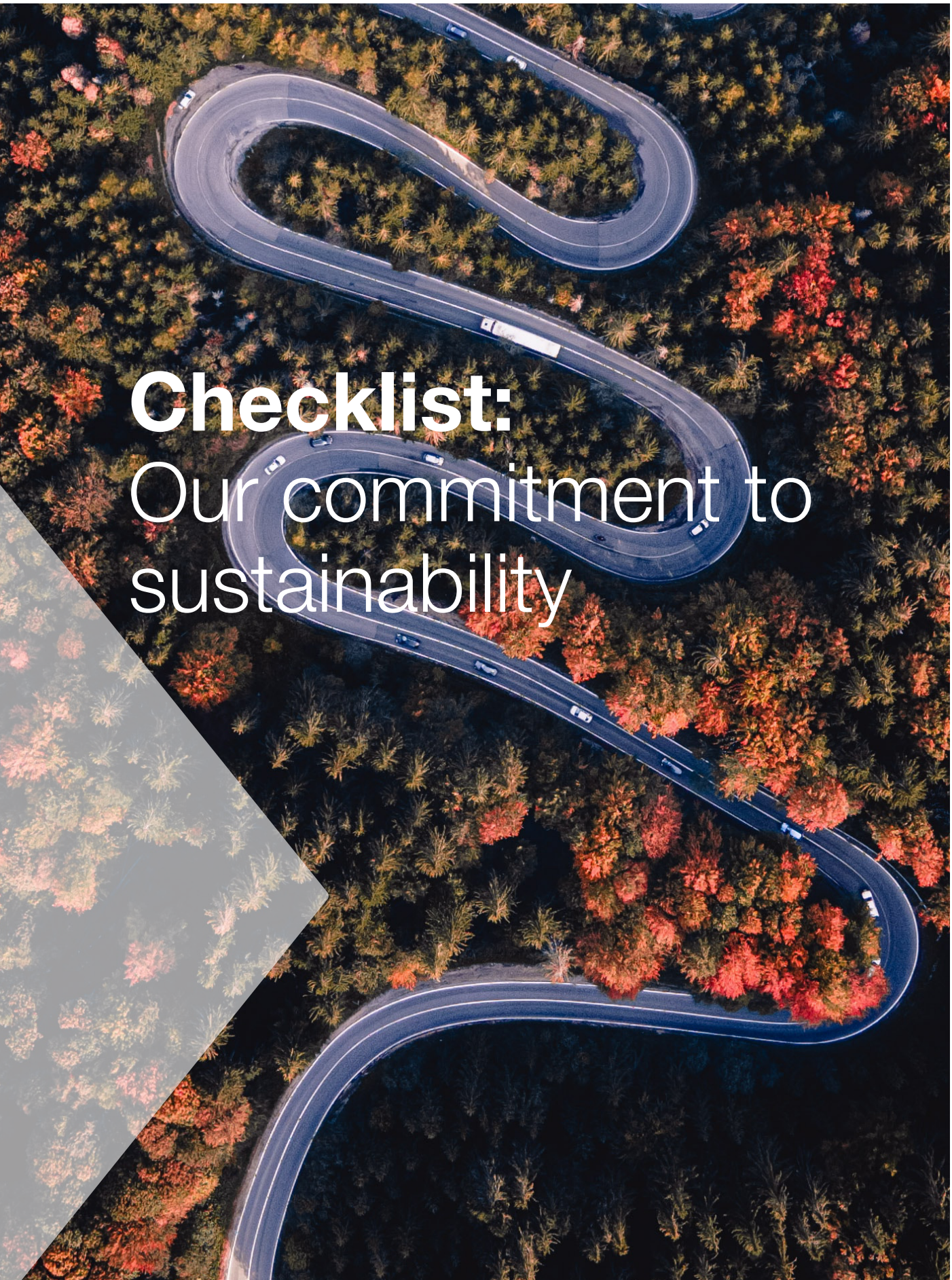
"We place incentives to rethink and act at all company levels and include both our employees and all other stakeholders in a constant process to increase corporate sustainability."

GRI 301, 302, 305, 306, 307, 401, 405, 408, 414

Committed companies from Baden-Wuerttemberg

Detailed information on the WIN charta and further WIN charta signatories are to be found at https://www.nachhaltigkeitsstrategie.de/wirtschaft-handelt-nachhaltig.

08



Checklist: Our commitment to sustainability

Magna PT B.V. & Co. KG has been a WIN Charta signatory since: 05/2014

Overview: Sustainability efforts in the company

	Setting priorities	Qualitative Documentation	Quantitative Documentation
Guiding principle 1	✖	✖	☐
Guiding principle 2	☐	✖	✖
Guiding principle 3	☐	✖	☐
Guiding principle 4	☐	✖	☐
Guiding principle 5	☐	✖	✖
Guiding principle 6	☐	✖	☐
Guiding principle 7	☐	✖	☐
Guiding principle 8	✖	✖	☐
Guiding principle 9	☐	✖	☐
Guiding principle 10	☐	✖	☐
Guiding principle 11	☐	✖	☐
Guiding principle 12	☐	✖	☐

Sustainability efforts on-site

Supported WIN! project: tree-planting campaign 2022 – Heilbronn Forest Stewards & Magna

Area of focus:

✖ Energy and climate

☐ Mobility

☐ Resources

☐ Integration

✖ Education for sustainable development

Type of support:

✖ Financial

☐ Material

✖ Staffing

Scope of support:

Employee work hours, donations

09

Our areas of focus on the WIN charta

Overview of the focus areas selected

In the last twelve months within Magna Powertrain EMAS sites we have concentrated on the following guiding principles of the WIN charta:

Guiding principle 05 – Energy and emissions: "We use renewable energy, increase energy efficiency and lower greenhouse gas emissions in line with targets or compensate them climate-neutrally."

Guiding principle 06 – Product responsibility: "We assume responsibility for our services and products by examining the value creation process and the product cycle for their sustainability and create transparency in this regard."

Guiding principle 08 – Sustainable innovations: "We promote innovations for products and services which increase sustainability and underline the innovative potential of Baden-Wuerttemberg's economy."

Why these main foci are especially important for us

Guiding principle 05 – Energy and emissions:	Conscious and efficient handling of energy and emissions is important to us. Not only because costs can thus be saved but also because we consider the environment worth protecting. It should be neither exploited nor excessively damaged, which is why we use resources responsibly and use renewable energy.
Guiding principle 06 – Product responsibility:	It is not just sustainable innovations which are important to us but also their composition. That's why our supply chain has become increasingly important in recent years whether for the products we produce or what we need for our daily work.
Guiding principle 08 – Sustainable innovations:	For us, mobility and sustainability are not mutually exclusive, which is why we promote and develop sustainable innovations.

Guiding principle 05 – Energy and emissions

"We use renewable energy, increase energy efficiency and lower greenhouse gas emissions in line with targets or compensate them climate-neutrally."

Target

Environmental protection is an indispensable part of our corporate vision. The integrated sustainability management system supports the responsible implementation of sustainability requirements at Magna Powertrain EMAS sites. One of the most important targets is to lastingly minimise the ecological footprint of our products and thus to contribute to lowering global greenhouse gas emissions. The achievement of this target is being promoted through resource-conserving processes and a sustainable product range.

One important requirement for the continuous implementation of environmental targets is the effort to ensure all Magna Powertrain EMAS sites remain certified to ISO 14001 (environmental management) and validated to EMAS (ecological management and audit scheme). For this reason we continue to control our processes according to binding guidelines in relation to cost-effectiveness, environmental compatibility and energy and resource efficiency.

The aim was and is also to work with environmentally friendly energy sources and to act with foresight when purchasing new machines and planning the production environment. We continue to put our trust in optimised processes and technologies, for example with energy and water management ans also operating and auxiliary materials. Substances which are a risk to the environmental and health go through an approval process and are stored securely. In future, our aim continues to be to regularly check whether such substances can be reduced or replaced. Extraction systems and emission treatments should continue to be installed where emissions arise during product manufacturing. The systematisation of environmentally appropriate disposal and recycling is supported by our reusable transport systems and packaging as well as by our waste collection points which have been developed into recycling centres.

With regard to energy, it was and is our aim to continue to work with energy teams who identify potential for reduced energy consumption across sites from the areas of manufacturing engineering, maintenance and health and safety. In 2015 and for subsequent years we defined the target of reducing the total energy requirement per equivalence transmission by two percent per year with the base year of 2013.

Measures taken

long-term

Magna Powertrain EMAS sites have defined the following measures to track long-term schemes:

- Continuation of certifications for all sites according to environmental standards
- Process control according to binding guidelines
- Work with environmentally friendly energy sources
- Forward-looking purchases and planning in the production environment
- Reduction of requirement and stock figures
- Safe handling of and reduction in harmful substances
- Treatment of emissions caused during production

Focus on energy

Energy saving also ranks highly at Magna. Every production site must therefore define energy teams, identify main consumers, develop and track key figures and implement measures to save energy within the Magna factory concept. The measures are defined and tracked via energy project lists and energy plans.

- All Magna Powertrain's own EMAS sites have been exclusively supplied with CO_2-free electricity from renewable energy since 2015
- Continuation of conversion to LEDs at all sites
- Replacement of energy-intensive motors and pumps with more energy efficient machines.
- Process optimisation in hardening plants
- Optimisation of ventilation, heating and cooling systems
- Energy savings through targeted switching off with the aid of energy lamps

Results and developments

Apart from the pursuit of long-term plans, Magna Powertrain EMAS sites also directed their focus on improvements in the total energy requirement per equivalence transmission produced and on reducing the CO_2 footprint in relation to power consumption.

Indicators

Focus on energy

Various energy saving measures were carried out at Magna Powertrain EMAS production sites in 2022.

The following measures:

- Energy saving of approximately 90,000 kWh through the installation of LED lighting
- Installation of a combined heat and power (CHP) station and savings of 1,200 mWh (heat energy recovery)

Reduction of the CO_2footprint

In harmony with UN sustainability target 13, climate protection measures, all Magna Powertrain EMAS sites use only “green” electricity at their own sites. This electricity comes from 100% renewable energy from Europe. The CO_2 emissions factor for electrical energy is thus still zero.

Basically, Magna Powertrain EMAS sites follow the principle of “avoid - reduce - compensate” Unavoidable emissions are calculated and then compensated for by our selected compensation project which is gold standard-certified.

The gold standard foundation is a non-profit certification organisation which is registered in Switzerland. Only projects which verifiably lead to a reduction in greenhouse gases and are simultaneously good for the local environment and the social concerns of the population are entitled to be certified by the gold standard. The criteria and conditions demanded by the Kyoto protocol are fulfilled by the gold standard.

In 2020, Magna Powertrain EMAS sites participated in compensation as the first within the Magna Group It was possible to achieve CO_2 neutrality for Scope 1 and 2 by participating in a compensation project.

This certificate serves to confirm that First Climate, on behalf of

MAGNA Powertrain entities Magna PT B.V. & Co. KG, Magna PT s.r.o., Magna PT Bordeaux SAS & Magna PT SpA

compensated for the greenhouse gas emissions derived from its business activities in 2022 in the amount of:

17.334 t CO_2e

These emissions were offset utilizing carbon credits from the following climate protection project:

Reducing Deforestation with improved Cookstoves, Uganda

and the corresponding emission reduction certificates have been permanently retired.

230331, Bad Vilbel

Olaf Bachert
CEO First Climate Markets AG

CO_2-Compensation 2023 with FirstClimate.com

Magna Powertrain EMAS sites' unavoidable Scope 1 emissions will also be compensated for 2022. We have again selected the Cooking Stoves in Uganda project. In this context €9.90 was paid per tonne CO_2.

In Uganda, almost 99 percent of the population rely on wood fuels – in other words wood and charcoal – for their energy supply which are mostly collected in an unsustainable manner. Tree-felling to obtain or produce fuels for is therefore one of the most important causes of continuing deforestation in the country.

Add to this the fact that in Uganda cooking is done mainly over an open fire or with the aid of the simplest cookers which are mostly extremely inefficient. This represents a big health risk for people. Regularly breathing in smoke increases the risk of serious respiratory and eye diseases. According to the estimates of the World Health Organisation (WHO), cooking over an open fire is responsible for around 4.3 million premature deaths per year.

The aim of the project is to promote and support the distribution of energy-efficient cookers in Uganda. The cookers especially developed for the project are simple but durable and effective. Compared to traditional open fireplaces the new metal cookers permit fuel savings of 35 to 50 percent. The project area is being successively extended starting from the metropolitan area of Kampala. Today, more than 500,000 households have already been equipped with efficient cookers.

Burning is inefficient in traditional ovens. Wood and charcoal are not completely transformed into heat energy. Soot and fine particulates from combustion accrue as unwanted byproducts. Incomplete combustion also favours air pollutants.

The technology: the new coal cookers achieve greater efficiency with the so-called chimney effect. Fresh air is sucked into the combustion chamber due to rising hot air. The additional oxygen increases the combustion temperature which means the fuel is burnt faster and more efficiently. The effectiveness is further increased by better insulation of the cookers. This helps to avoid heat losses through the outer shell of the cookers. Depending on the type of cooker, thermal conduction between the saucepan and the cookware is optimised to use the greatest possible part of the energy deployed.

Recording emissions

Greenhouse gas emissions have been recorded by EMAS since the beginning of validation and reported annually as part of the environmental declaration. Magna Powertrain EMAS sites have been identifying and recording further emissions on the basis of the greenhouse gas protocol. Direct (Scope 1) and indirect (Scope 2) company emissions produced by energy production are thus recorded and compensated if not unavoidable.

The topic of lifecycle observation of our new products was advanced intensively in 2022. We have thus gained valuable insights into the design of Scope 3 emissions.

Outlook

Continuation of energy topics on sites and performance of the following measures:

- Creation of renewable energy through photovoltaic system
- Optimisation of lighting with LED technology
- Development of new mobility concepts
- Avoidance of behaviour-related energy wastage
- Performance of lifecycle analyses

Guiding principle 06 – Product responsibility

"We assume responsibility for our services and products by examining the value creation process and the product cycle for their sustainability and create transparency in this regard."

Target

We ensure that all customer demands and legal requirements are included for our products and production processes. For this, we collect together all customer requirements and derive corresponding measures from this.

This of course also applies to our suppliers. We have already presented our code of conduct and ethics for suppliers under the product guidelines. In addition, we work internally with a supplier matrix which in turn guarantees our purchasing requirements of partners in our supply chain. We regularly audit our suppliers and develop them further as necessary.

With the expansion of after-market projects we also take on responsibility for our products after the end of series production and thus wish to meet the requirements of this stakeholder group too.

Measures taken, results and developments

Entrepreneurial duties of care

In recent sustainability reports we reported on how we approach the topic of duty of care in our company. So far we have oriented ourselves towards the German federal government's National Action Plan on Business and Human Rights (NAP). The NAP is based on the UN's guiding principles for business and human rights (UN guiding principles).

In principle, our approach is also oriented towards the six-stage process from the OECD code of practice for fulfilling the duty of care for responsible corporate policy: 1. Anchoring of responsible corporate policy in strategies and management systems, 2. Determination and assessment of negative effects in business activities, supply chains and business relationships, 3. Eliminating, avoiding or reducing negative effects, 4. Tracking of implementation and results, 5. Communication on dealing with effects, and 6. Provision of or co-operation with compensation where appropriate (source: OECD 2018).

The Supply Chain Act was enacted by the German Bundestag on 11th June 2021. This is intended to improve the international human rights situation by defining requirements of the responsible handling of supply chains. It entails far-reaching new obligations for companies.

The Magna Working Group, which is responsible for compliance with the legal requirements of the Act, made good progress in 2022 with closing possible loopholes and will continue to be active in 2023.

How we continue to approach the far-reaching topics associated with duties of care in 2022 is set out in the following section by means of selected core elements of duties of care for human rights:

Documentation

The documents listed in Chapter 4 (Guidelines) act as a basis for activities associated with duties of care. As already mentioned, the relevant documents are an integral part of the agreements with our suppliers.

In addition, the Magna Powertrain EMAS site supplier matrix should be mentioned again at this point. It defines which sustainability-relevant criteria are to be considered when purchasing. Occupational health and safety certification in accordance with ISO 45001 (Occupational health and safety) is defined here as a desired criterion and an environmental protection certificate in accordance with ISO 14001 is also a requirement for all suppliers. Certification for the social aspects of sustainability is obligatory for suppliers from so-called high-risk countries. The latter is, however, still difficult to implement as certifications in this area and also in a number of countries are not yet very common. In order to obtain a higher number of certified suppliers we rely on the auditing of the RSCI's (Responsible Supply Chain Initiative, see section below) new sector audit schema in the medium and long term.

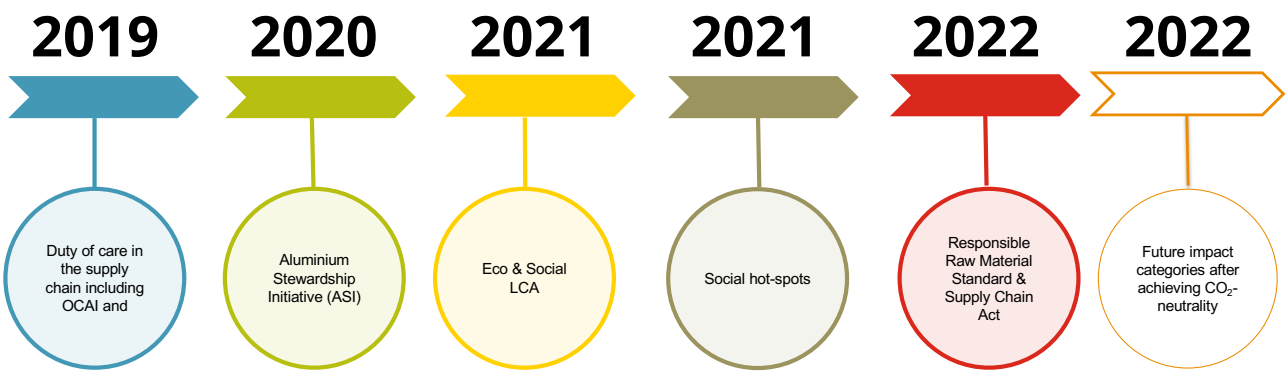
Contribution of the LifeCycle Assessment (LCA) and the sustainability hot-spot analysis to fulfil the corporate duty of care

The many aspects of the corporate duty of care were also examined in the context of a number of student dissertations and project theses. One of the student dissertations contained the topic of the Ecological and Social LifeCycle Assessment (LCA) of a Transmission. In this, the corporate duty of care was both anchored in the corporate strategy and discussed along the supply chain. The previously identified potential for possible applications was determined and identified in its ecological and social dimension in accordance with standards such as laws, guidelines and codes of practice.

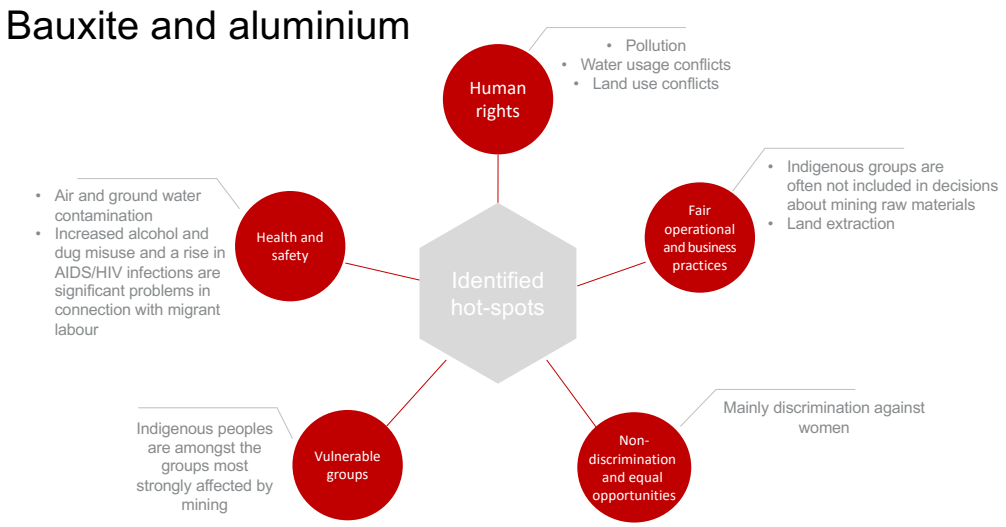
A subsequent Bachelor's thesis which built on this showed us starting points and ways of possibly improving social conditions in the raw materials supply chain. The thesis is oriented towards the German Global Compact Network/Twentififty Human Rights Impact Assessments (HRIA) and Organisational Capacity Assessment Instrument (OCAI). With this approach the thesis contributes to fulfilling corporate duty of care. Recommendations for action were derived for the company based on the hotspots identified. In a further Master's thesis, the company's corporate duty of care was investigated with the aid of these findings. The topic of the thesis was the identification of challenges in implementing the Supply Chain Act. A standard to support responsible raw materials purchasing came about as a result of this thesis.

One of Magna's aims is to minimise the eco-social hotspots in the supply chain through partnership along the supply chain and to bring an eco-socially positive product to market in the long term.

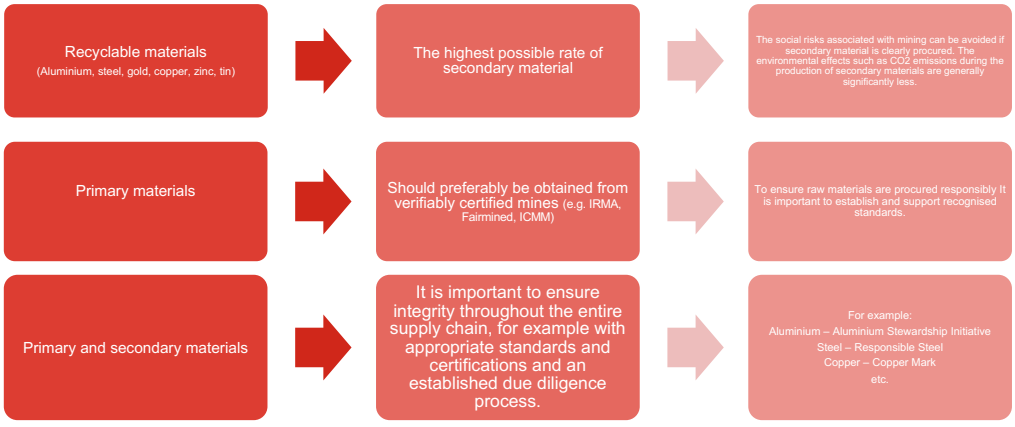
Master's theses on the topic of sustainability



Hotspots identified



Derived recommendations for action



Risk analysis

A risk tool for identifying and also assessing supplier risks was developed for Magna Powertrain EMAS sites. Selected supply chains were analysed and assessed according to pre-defined selection criteria in 2022: 1 Country risk in accordance with the Corruption Perceptions Index of 2021, 2. Materials used including conflict materials and rare earths (basis: Material Change Report and Responsible Raw Material Outlook from Drive Sustainability), 3. Result of the self-assessment questionnaires (SAQ) from the SUPPLIERASSURANCE platform, provided by NQC. two further criteria were added in 2023: the rating of the Carbon Disclosure Project (CDP) and data from Prewave, an AI tool which identifies risks by means of public reporting in the own supply chain.

The aggregated rating of the individual selection criteria results in an overall score on the basis of which the risk management of potentially risky suppliers is determined and reported to departments.

SUPPLIERASSURANCE

Departments then take measures such as contacting suppliers (conversations) or initiating a Responsible Supply Chain Initiative (RSCI) Assessments to reduced the risk potential of the supplier determined in the broadest sense. Through frequent exchanges between departments and risk management the supplier is reassessed on the one hand and further measures are taken up to outsourcing the supplier on the other.

RSCI assessments

Magna is one of the founding members of the Responsible Supply Chain Initiative e.V. (RSCI) association which is intended to promote sustainability for all stakeholders in the supply chain for the automotive industry. Magna has thus been actively involved in the compilation of an assessment scheme, one of the instruments for reaching this target, Initial experience with these assessments is being collected in a pilot phase. An audit at a supplier was carried out back in 2022 on the basis of the risk analysis, Further audits are being planned for this year.

Supplier self-assessment: The SUPPLIERASSURANCE platform provided by NQC

The SUPPLIER**ASSURANCE** company offers an Internet-based platform for companies in the automotive sector to manage the automotive industry's unified questionnaire on the sustainability of the automotive industry in order to administer the automotive industry's uniform questionnaire on sustainability . Back in 2017, Magna Powertrain EMAS sites started a pilot project with suppliers and extended the project year for year. The questionnaires are now to become a fixed part of supplier assessment in our company In 2022 the project was rolled out worldwide for all Magna sites.

All "direct" suppliers of Magna Powertrain EMAS sites (suppliers which supply parts into our products) have been stored in the system since 2019. Analysis of the questionnaire takes place within the company in accordance with our pre-defined criteria. With the start of questionnaire version 4.0, the first 50 selected "indirect" suppliers (non-production material) were also invited in October 2020. Assessment and follow-up were started in 2021. Principally, the assessment and review of the sustainability questionnaires in our supply chain is a continuous process which has been running for several years for direct suppliers. Many audios took place in 2022 with the new suppliers in the system and with already existing suppliers. The results of the questionnaires were discussed in these phone calls, potential for improvement demonstrated and if necessary also target dates for improving between us and the supplier were defined. The new SAQ 5.0 questionnaire will be sent to relevant suppliers in 2023 requesting that these be filled in. Depending on the risk analysis, conversations with suppliers will also take place again in 2023 in order to improve them with regard to sustainability performance.

Reporting

The status of implementation of the duty of care takes place internally, e.g. via our management reviews, and externally via this sustainability report. Further details will follow via the Magna International Report by means of the official BAFA (Bundesamt für Wirtschaft und Ausfuhrkontrolle) report from 2024.

Complaints mechanism – the Magna hotline

The Magna hotline offers staff a possibility of reporting suspected infringements of the staff charta staff and the code of ethics and conduct (the code) and thus also (potential) infringements of human rights. Those who hand in a report in good faith is protected from retaliatory measures. All messages are treated in confidence unless otherwise noted. The Magna hotline can be used for a large number of workplace-relevant concerns, for example unfair treatment, health and safety practices and also doubts with regard to infringements of the code such as illegal or unethical activities, conflicts of interest, concerns in connection with financial reporting and controls, theft, questions of quality or data protection concerns. The report will be processed promptly. Magna hotline teams all over the world strive to carry out impartial investigations and to wind up all doubts and complaints quickly.

Further information is to be found here: https://secure.ethicspoint.com/domain/media/en/gui/38845/index.html

Outlook

We will also delve further into the topic of product responsibility and the topic of the Supply Chain Act in 2023. Our progress will be described in the next report.

Guiding principle 08 – Sustainable innovations

"We promote innovations for products and services which increase sustainability and underline the innovative potential of Baden-Wuerttemberg's economy."

Target

We live an innovative corporate culture. This helps us to constantly develop our products further and optimise our processes.

Ever new ways to reduce energy use during production and the conversion to renewable energy supplies play an important role here. A further important aspect is the integration of the entire supply chain, for example with the aim of using secondary material instead of raw materials. We encourage our suppliers to include new ideas which contribute to making our products more sustainable.

In near-series product development we work at the continuous improvement of product characteristics with regard to efficiency in vehicle operation to reduce the emissions of the whole vehicle in the use phase.

During the definition phase for new products the definition of the critical product characteristics with a holistic view of sustainability particularly important in order to conceptionally create the right framework conditions for the next product generation.

Measures taken, results and developments

Focus on products

As part of the Magna family we develop products which impress with the greatest efficiency as their unique selling point. The aim is a modular and scalable construction kit with interchangeable technology components within an integrated system approach.

We place great value on the longevity of our products and their high efficiency in use. The design is oriented towards produceability and installability whilst using resources and energy efficiently. The products should be repairable in order to increase their longevity and they should be easy to recycle after the end of their service life in order to make introducing an enclosed recycling system easier.

We see the drive train of the future in the use of the synergies within the Magna family and in a combination of four-wheel drive and electric traction.

The principle of product families and technology platforms, which offer many advantages, is extremely important:

- eDrive system competence (electric motor, inverter, transmission)
- Control software
- Optimised overall system know-how
- Compact design
- Fewer interfaces

We strive for innovations and detail improvement for more sustainability with all our products. Here are some examples of improvements and innovations which have been incorporated into our products:

Improvement of torque-to-weight ratio; modification of the assembly space for a more compact design; reduction of mechanical complexity; shortening gear-changing times; single-oil concept; efficiency-optimised main pump; reducing sealing points; integration of gliding function; integration of start-stop system; improvement of oiling concept; housing with honeycomb structure; lower material use; friction-optimised wheel set; optimisation of bearing positions; friction-optimised sealing gaskets; near-net-shape manufacturing; demand-driven control of clutch, gearboxes and cooling; gearbox-internal cooling; elimination of use of rare-earth magnets as far as possible; forward-looking choice of materials with a view to potential material restrictions; use of secondary materials (e.g. Steel and aluminium); ecological lubricant for gearboxes; increasing electric range; improvement of passenger comfort though adaptation of electrical output; networked driving strategies, e.g. Eco-routing; Intelligent use of charging infrastructure; introduction of holistic lifecycle analyses to determine the eco-social footprint of our products.

At Magna Powertrain EMAS sites the main focus of product development is on the electrification of the drive train.

Amongst others, the 7HDT300 48V mild hybrid dual clutch transmission was introduced to the market in 2022. This transmission permits fuel savings of 17% compared to a conventional dual clutch transmission in the WLTP and offers passenger vehicle manufacturers a basis for further efficiency-enhancing driving functions. The 7HDT400 48V, also introduced in 2022, comes from the same product family and underlines the modular approach of our product development.

In addition to the mild hybrid dual clutch transmissions already mentioned, modified plug-in hybrid concepts were developed in collaboration with further Magna Powertrain areas which were presented to the professional world at annual winter test events. The DHD Eco hybrid transmission shown in the Etelligent Eco vehicle has a powerful electric motor and thus permits up to 38% less consumption in operation under real-life conditions together with a larger traction battery and the Magna drive strategy. A DHDPlus hybrid transmission combined with an additional electrical axle drive on the rear axle was built into the EtelligentCommand concept vehicle. This forms a power train in the overall system which leaves a 40% smaller Co22footprint in the lifecycle.

Outlook

Magna Powertrain is open-minded about the transformation of the automotive industry and adapts its organisation to changing requirements accordingly. For this reason a global development organisation will be responsible for all product groups in 2023 and thus create more synergies and bundle development resources with the corresponding competences.

The central component of this development organisation will be the areas of technology/strategy and innovation and product management for new products. Sustainability will play just as large a role in the initial definition of product characteristics by product management as it will in systematic development management and the search for new technical approaches.

The development team will be supported in implementing product requirements by a newly created functional unit named Product Function Sustainability (090) which takes care of the definition of and compliance with sustainability standards and corresponding key data in close collaboration with our customers in the entire product creation process at global Magna Powertrain level. The consistent further application of the lifecycle analyses is of central importance here.

System Engineering & PFG		
	PFG-010	Driving Performance & Drivability
	PFG-020	Energy Consumption & Efficiency
	PFG-030	Durability, Reliability & Environment
	PFG-040	Lubrication & Sealing
	PFG-050	Thermal Management
	PFG-060	Noise, Vibration & Harshness (NVH)
	PFG-070	Functional Safety & Cybersecurity
	PFG-080	Electromagnetic Compatibility (EMC)
	PFG-090	Sustainability
	SCA	System Concept & Architecture
	GI	Geometrical Integration
	SYTF	System Test Functional

Further activities in the field of sustainability

Employees' human rights, social interests and concerns

Guiding principle 01 – Human and employee rights

Measures and activities:

Thanks to the performance of its unique employees, Magna has developed from a one-man workshop into globally leading manufacturer of transmission systems. Dedicated, committed and creative – our work is the basis for our success and the success of our unique corporate culture is the result of our commitment and participation.

Magna's fair enterprise culture is based on fairness and considerateness for people and recognises that their input and commitment are fundamental for the success of the company.

The Magna employees' charta, the operational principles and our code of conduct and ethics are the elements of a working environment which promotes innovation, commitment and teamwork. We all work together in the company as a team to ensure production at world-class level and to supply our customers with products of the highest quality and with the newest innovations.

There is annual compulsory internal training so that human and employee rights in our company are more consciously respected and protected, equality of opportunity promoted even more strongly and discrimination and exploitation decisively prevented.

Results and developments:

Gender equality and strengthening women's rights

Magna is intensively involved in the empowerment of women in order to minimise cultural, social and legal hurdles in women's work context.

Recruitment practices

Appreciation, objectivity and transparency form the basis of our recruiting process. Our AGG-compliant, neutral job adverts promote equal opportunities for future staff.

Furthermore, gender-equitable formulation makes an important contribution to realising equal opportunities in society and industry.

Our standardised internal and external job adverts contain the suffix (m|w|d)throughoutand thus document our tolerance towards gender identities.

Training opportunities

At our Untergruppenbach site we offer three different training/degree opportunities.

- Training: the length of training depends on the training profession and is generally between 3 and 3.5 years. Depending on the training profession, our trainees attend the Andreas-Schneider School in Heilbronn, the Wilhelm Maybach School in Heilbronn or the Christian Schmidt School in Neckarsulm.
- Dual study programme: the dual study programme lasts 3 years. Our dual study programme students complete their theoretical phases at Baden-Wuerttemberg Co-operative State University in Stuttgart or Mosbach depending on their course of study.
- Co-operative study programme: the co-operative study programme generally lasts 5 years. Shortened training is first completed within 1.5 years. This is followed by a 3.5-year course of study at Heilbronn University.

Training opportunities:

- Mechatronics engineer
- Qualified IT specialist for system integration
- Industrial management assistants
- Qualified inventory management specialist

Dual study programme places:

- Business Management Industry (B.A.)
- Business Administration for Mechanical Engineering (B.Eng.)
- Mechatronics – e-mobility (B.Eng.)
- Automotive IT (B.Sc.)
- Information Systems (B.Sc.)

Co-operative study places:

- Mechatronics engineer training + Electrical Systems Engineering degree
- Mechatronics engineer training + Automotive Systems Engineering degree

Inclusion processes

The Transparency in Wage Structures Act of 30th August 2017 is intended to support above all women in better asserting their right to the same salary for the same or equivalent work.

Since 2018, all staff have had been entitled to demand to know the average gross monthly salary for comparable activities with the aid of an internal request in accordance with Section 10 Paragraph 1 Transparency in Wage Structures Act.

Management activities

We run moderated workshops at all management levels to better equip management with instruments and resources to promote integrative behaviour. We also offer “listening sessions” in order to understand the racist barriers and problems with which different employees are confronted.

D&I Council

The Magna Powertrain Diversity and Inclusion (D&I) Council was set up in the first half of 2022 which as part of the global D&I community aims to create an inclusive work environment in which everyone can bring in their talents, ideas and perspectives without having to worry about suffering negative consequences or being disadvantaged.

Outlook:

The D&I Council works with strategic experts in the field of D&I in order to produce equality of opportunity. For 2023 the D&I Council has set itself the task of integrating D&I into processes, standards and central corporate areas. The effect on Magna technologies and innovations is to be determined and reported.

Pride Month

During the Pride Month in June 2022, Magna as a concern celebrated acceptance and equality and is working on awareness-raising and information. For Magna, it is a matter of making all employees feel welcome, regardless of who they are.

If people feel they are accepted they feel secure and are motivated in their work. That is the basis for fun at work, good collaboration, mutual respect and also creativity and innovation at a high level.

Every colour of the flag has its own meaning.

- Red corresponds to life
- Orange symbolises healing
- Yellow stands for new ideas
- Green represents prosperity
- Blue means serenity
- Violet represents the spirit of LGBTQ+ members.
- Black and brown represent the People of Colour in the community
- White, light blue and pink represent transgender and non-binary members of the community

Pride Month thus celebrates the differences between us all which make everyday life, life in general and our environment and also work more diverse. Everyone is welcome and is valued equally.

Talking about diversity is extremely important – however, we at Magna aspire towards self-evident acceptance and respect for all differences between us.

We invited everyone to celebrate those who make the world more open, respectful and colourful together with us - diversity is an enrichment for us all!

Outlook:

- Retention of annual training on the code of conduct and ethics

Guiding principle 02 – Employee well-being

Measures and activities:

Employees are the centre of attention at Magna. One important requirement for successful and innovative work is the health and well-being of employees. We rely on targeted measures to maintain and increase this. The management team and many departments are set up internationally and interculturally so that a concern-wide exchange takes place. The long-term maintenance and promotion of health is therefore our main aim with occupational health and safety and company health management.

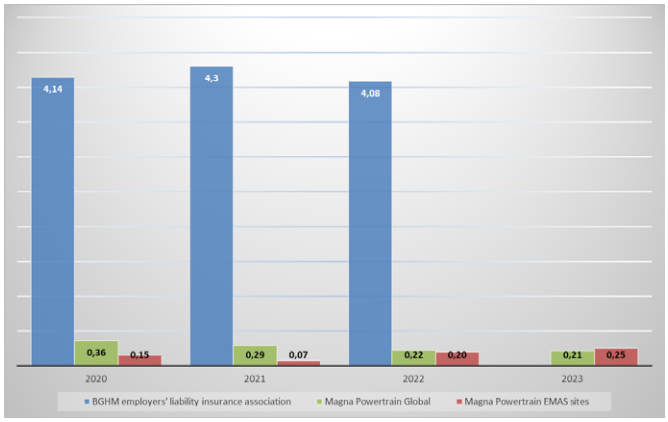
Results and developments:

Occupational health and safety:

Occupational health and safety is important at Magna. An occupational health and safety management system in accordance with OHSAS 18001 was introduced at Magna Powertrain EMAS sites way back in 2003. All sites were converted to the new standard following publication of ISO 45001. The efficiency of the integrated management system is also proven by key data.

Comparison of industrial accidents per 200,000 working hours at Magna – members of the BGHM employers' liability insurance association

Industrial accidents per 200,000 hours	2020	2021	2022
BGHM employers' liability insurance association	4.14	4.3	*
Magna Powertrain Global	0.36	0.29	0.22
Magna Powertrain EMAS sites	0.15	0.07	0.20



* = BGHM's KPI (Key Performance Indicator) for 2022 is not yet available

Working days lost per 200,000 work hours compared to Magna Powertrain and its EMAS sites

Working days lost per 200,000 hours	2020	2021	2022
Magna Powertrain Global	9.99	8.83	7.02
Magna Powertrain EMAS sites	8.09	5.7	11.24

2022 health programme main points:

Runs/competitions: The following runs/competitions took place this year: Trollinger Marathon (25 participants, one 5th place in age group), “Global 6k for water” charity run (60 participants in Untergruppenbach), Heilbronner Stimme Run (four teams, one 25th place) and the Black Forest Bike Marathon (32 participants, 3rd place in company rating).

Company sport: Apart from the usual company sports programme (table-tennis, back/fitness courses, yoga, Nordic walking, badminton, bowling, mountain biking (SG)) the BSG Mountainbike (SG), the badminton group and the yoga group have started up again in 2022 after the pandemic.

HanseFit Programme: Employees have the opportunity to register for the HanseFit programme. With this membership (monthly fee), free training online is also possible at co-operating fitness studios or health facilities across Germany.

Screenings:

- Back screenings (Neuenstein)
- Skin cancer screening (St. Georgen)
- Skin cancer screening (Band Windsheim)
- Skin cancer screening (Neuenstein)
- Thyroid screening (Rosenberg)
- Upper abdomen screening (Cologne)
- Heart/circulatory system screening (Neuenstein)
- Thyroid screening (Untergruppenbach))
- Thyroid screening (St. Georgen)

Online programmes/news for employees:

- Information on dry eyes: company doctor information on dry eyes, especially after extended working at a computer screen
- Online health day 1: There were inline presentations and individual online advice on the topic of the immune system, eye training and exercise in co-operation with the Techniker Krankenkasse health insurance provider
- Hybrid health day 2: both online and presence presentations on the topic of nutrition were offered, again in collaboration with the Techniker Krankenkasse health insurance provider. There was also the opportunity to produce a smoothie by cycling on a so-called Smoothie Bike as an interactive event.
- Physical activity break: Employees could dial in to six online dates with different exercises to compensate for everyday stress caused sitting for a long time.
- Alcohol action week: Corresponding news with useful information on the topic of alcohol and alcohol abuse was placed in the intranet.

Further events:

- City cycling (Cologne)
- Long-term glucose test (Untergruppenbach, Neuenstein, Rosenberg)
- Foot check (Neuenstein)
- Non-smoker event (Cologne)
- Bowel cancer screening: A total of 239 respondents and approximately 4.2 percent thereof with a positive result
- Blood donation event (Untergruppenbach): a total of 77 employees donated blood (of which 25 donated for the first time)
- Influenza vaccination

Additionally measures/programmes as part of health management:

Employee advice:

- Psychological advice from occupational and organisation psychologist (appointments by arrangement with the company medical service)
- Conflict management/advice from conflict guides
- EFAP: The Employee and Family Assistance Programme hotline supports employees with all personal or work-related topics (e.g. financial problems, educational problems, violence at work, dealing with change, etc.) free of charge, confidentially and if necessary also anonymously.
- Addiction treatment: supported by the Addiction company agreement, addicts' support is available at all sites

Physiotherapy programmes:

- A physiotherapist is in attendance at the Untergruppenbach site once a week - appointments by arrangement (for both those with private and statutory health insurance)

Medical treatment from the company medical service (company doctors, assistants, psychologist):

The company medical service as Magna Powertrain EMAS sites carries out a number of tasks within the company such as workplace inspections, general medical and orthopaedic advice, company screening examinations, influenza vaccinations and involvement in company re-entry management. Furthermore, information on health topics are published regularly by the company doctors (notice board, intranet, news).

Outlook:

Our target for 2023 is to continue with our many activities in order to support our employees in their interests and their well-being in the company.

Guiding principle 03 – Stakeholders

Measures and activities:

Our stakeholders can find current information on Magna and on the topic of sustainability and also our certifications online at any time. One contact person complete with contact data is available on the website and in the report.

We carry out a local stakeholder analysis annually at all Magna Powertrain EMAS sites to give us a precise picture of our stakeholder groups. This also includes population groups and organisation affected. The stakeholder groups are identified and prioritised as part of this analysis. Mutual influences and expectations in relation to sustainability-relevant topics are identified in addition. The risks which emanate from (non-)fulfilment of these expectations are recorded and assessed in addition. This means we can react better to changes. In this area we would like to present various topics and projects associated with stakeholders which were tackled in the reporting year.

Results and developments:

In 2022 we were able to hold a number of events concerning training and degree courses again.

Magna regularly attends trade exhibitions and events and offers interesting company insights for students and pupils on visits.

The following list is just a selection:

- Attendance at recruiting fairs in Heilbronn, Stuttgart, Esslingen, Karlsruhe, Mosbach, Furtwangen and Aachen
- Technology Adventure Day for pupils at Stettenfels School in Untergruppenbach
- Summer vacation programmes for the municipality of Untergruppenbach
- Involvement in the tree-planting event involving 850 oak saplings from the Heilbronn Forest Stewards
- Girls Day Untergruppenbach: 8 girls received an insight into everyday working life in technical professions
- Visit to the 3D printing trade event in Frankfurt with 15 commercial trainees

Special mention should be made of the visit of approximately 40 industrial engineering students to the European Business School Reutlingen's Sustainable Production and Business event. Following a tour of the site, EHS/SR gave a presentation on the topic of "En route to eco-social-positive products with an integrated sustainability management approach".

A further splendid initiative is the Schwäbisch Hall Goethe Institute's German Plus work placement. Over 30 adolescents from all over the world came to Heilbronn for three weeks to improve their language skills. They completed a work placement after a two-week language course. Magna also made it possible for an 18-year-old pupil from Uganda to gain an insight into the everyday professional life of an engineer.

In order to also promote cultural exchange amongst dual study programme students, ten-week placements abroad at our Magna Powertrain EMAS sites in Bari and St. Valentin were organised for four students in their second year.

In addition, various Formula Student teams from the target universities/universities of applied sciences were additionally supported financially with the construction of electric racing cars. Exchanges between team members from the Powertrain, eMotor and Inverter areas were further deepened as part of a Formula Student sponsoring day in Untergruppenbach. Students were offered a varied programme with company presentations, the showing of exhibits, the working out of a case study and a test drive in a demonstration car.

Change Management Essentials

The Global PD&T team has developed an interactive virtual workshop for all Magna Powertrain managers in order to prepare them to successfully transform the Magna Powertrain organisation and implement it in their areas. The four main foci of the workshop are: Transformation Story, Leadership Culture Transformation, Leading Transformation with Vision, Leading Transformation through People.

These two three-hour workshops offer management from all levels attending them a secure basis to openly reflect on their individual management challenges and best practices and to exchange ideas with their colleagues. Thematic inputs from moderators alternate with guided exchanges in small groups and time for self-reflection.

During the measure, short inputs from moderators were combined with an exchange in small groups and time for self-reflection in an interactive approach. At the end of both three-hour blocks, each manager compiled their start/stop/keep doing template to keep a record of their own transformation steps.

The pilot event and the first workshop already took place in 2022. A further 30 workshops are planned for 2023.

What will you START, STOP, KEEP doing?

	Development Goal	Development Action / Behavior Change
	Behavior	**How to do it differently**
START Doing		
STOP Doing		
KEEP Doing		

Leadership Journey (LSJ)

72 managers have successfully attended the LSJ management programme this year. This management programme, conceived within Magna Powertrain EMAS sites, offers companies a framework for preparing all managers from the production, development and administration areas for current and future challenges.

Participants examine selected management topics in the six topic weeks of the LSJ. The imparting of the core essences of fundamental theories and the direct practical application were not the only main focus but also reflection on the own management role. Participants exchanged their impressions and experiences with other managers from different levels and areas.

The basic ides is the permanent strengthening of management competences for all managers at Magna Powertrain EMAS sites. The management culture as regards transparency and responsibility is to be promoted and the One Team idea internalised.

The LSJ's format is also special. There are no classical meetings on-site in a meeting room. The topics are carried out in 2.5-hour virtual sessions, mainly with external trainers. Managers thus also simultaneously train how to deal with the media of the "new normal".

This year the virtual topic weeks were supplemented with a meet and greet on-site event. At this event, participants were able to get to know each other better and had the opportunity to speak to senior management representatives about current challenges and questions in a pleasant atmosphere.

Outlook:

We are currently preparing to roll out LSJ 2023 for all further managers.

Business & Breakfast

In the Business & Breakfast virtual format, employees imparted useful knowledge from various topic areas whilst everyone had breakfast together in front of the screen, Each meeting begins with a digital warm-up followed by the presentation of the optimally prepared breakfast. Presenters then hold an interesting short presentation which concludes with an exciting discussion. This format is intended to promote interdepartmental exchanges between employees. Over 700 persons took part in approximately 40 meetings this year.

Magna is a member of the Drive+ supplier involvement platform

Drive+ is the new platform for suppliers which makes possible direct collaboration with the OEM partners of Drive Sustainability. The common goal is the implementation of a sustainable automotive value creation chain

The platform offers the facility to discuss important sustainability issues, to learn from one another and to co-operate. The Drive+ programme offers both smaller and larger companies various possibilities to work towards the continuous improvement and orientation of their sustainability practices.

For Magna, precisely these points are very important, which is why Magna has been a member of Drive+ since March 2021.

Environmental concerns

Guiding principle 04 – Resources

Measures and activities:

Aluminium Stewardship Initiative (ASI)

The Aluminium Stewardship Initiative was presented to the public on 11th September 2012. The initiative's certification standard are intended to allow the aluminium industry to assume responsibility within the supply chain and thus prevent human rights violations and environmental destruction. In addition, consumer and stakeholder confidence in aluminium products is to be strengthened and promoted and also a reduction in reputational risks for the aluminium industry players and industrial users looking for responsible procurement of aluminium brought about.

Results and developments:

Sustainability in the supply chain is simultaneously a challenge and an opportunity. Due to the fact that aluminium makes up 30% of the weight of an average Magna Powertrain EMAS site transmission, we have decided to investigate the topic more closely. An action plan was developed as part of a Master's thesis in order to have the ASI performance standard certified.

Market developments and the results of the Master's thesis served as an aid in the management decision that Magna Powertrain EMAS sites decided to become members of ASI and to arrange certification. The time had come in May 2021 and we joined the Aluminium Stewardship Initiative.

The next major milestone in 2021 was the successful auditing of the Neuenstein and Untergruppenbach sites according to ASI Performance Standard Version 2 (material responsibility) in August 2021. The Rosenberg and Modugno sites were successfully certified in 2022.

Magna Powertrain EMAS sites aspire to maintain transparent and open communication with all suppliers in order to work jointly towards constantly increasing the share of secondary material in transmissions. We know that suppliers are vital for sustainable company success. It us therefore important to us to hold on to and further develop long-term partnerships and to work together on a level playing field. For this reason there are regular conversations with strategic suppliers in order to bring on sustainability topics in the supply chain and to find co-operative solutions. Furthermore, the changeover to green electricity from renewable sources is welcomed and this is communicated in the supplier audios. These are important steps to reduce the Co22footprint for our products.

Outlook:

In the medium term, certification to ASI Chain of Custody Standard (product chain) at selected sites is being given consideration.

Our recycling strategy

Magna Powertrain EMAS sites are increasing resource efficiency, increasing raw material productivity and reducing the utilisation of natural resources. We aim to make processes and products more sustainable and thus reduce transmission weight, material requirements, energy and emissions. This also includes the use of secondary aluminium. The recyclability of our transmissions is currently around 98%.

In Europe, the recycling of old vehicles is guaranteed by the directive on end-of-life vehicles. Due to the laws of the European Union, vehicle recycling, the avoidance and environmentally friendly disposal of ancillary products, avoidance of air emissions, avoidance of negative influences on employee health and safety and human rights violations, the enforcement of employee rights and acceptable social conditions at disposal companies are guaranteed by state control.

Transmissions which are returned by our customers are generally cleaned, dismantled and examined. Wearing parts are replaced: the remaining parts are examined with the aid of a critical value catalogue and replaced as necessary. All refurbished transmissions are tested and returned to the market at a lower sale price. Through the knowledge gained we can further improve our products in series manufacturing and extend their useful life. We thus consistently apply the waste hierarchy by going far beyond recyclability and even re-use.

Protected areas:

None of our sites are located in a conservation area. This can be seen on the Protected Planet home page (https://www.protectedplanet.net/). The Kechnec site is located in the direct vicinity of conservation areas. For this reason, this site had a biodiversity study performed in which proposals were developed. Implementation is currently in the planning phase.

Impact assessment of social effects, environmental effects and the management plan

A big influence on transmission production at Magna Powertrain PT EMAS sites on the environment, society and human rights is attributable to the extraction and consumption of natural resources within the supply chain. The extraction of iron ore, bauxite and copper ores and the manufacture of steel, aluminium and copper are foremost here. in addition to a large amount of energy use and associated emissions which contribute to global warming and air pollution, landscape consumption, impacts on water, air and soil and the health and safety of employees, human rights, social conditions and biological diversity are further factors, the consequences of which have to be continuously reduced for sake of the environment and society and their effects on human rights. This affects primarily the production and processing of parts and unmachined parts by our suppliers.

In further student theses, focal points and consequences for the environment and human rights in the supply chain were identified in detail by means of our highest-selling products and recommendations for action worked out. The knowledge gained has an influence on processes and products.

The purchasing of material which does not remain in the product and also outsourced processes such as the external washing of parts or the repair of defective bought-in parts play a relatively minor role.

Further input variables with environmental impacts are efficiency, the life expectancy of the transmission oil, the control software and the weight of the transmission. Energy consumption, the formation of by-products and vehicle emissions in the use phase can be influenced by these input variables.

Based on these results, management plans which aim to improve the human rights situation and reduce environmental impacts and the effects on society are continuously being updated. One major contribution is aspired to through the use of secondary materials to produce raw parts as is demanded worldwide in our Magna Responsible Critical Raw Materials Policy. The conflict materials which are processes into materials which are incorporated into our products should originate from countries in which they cannot contribute to the financing of armed conflicts. Furthermore, raw material extraction with green technologies is demanded.

Further requirements are described by our supplier matrix. This is the basis for the sustainable selection and development of suppliers by our purchasing department. A central component of our supply chain policy is an appraisal of suppliers by external bodies with regard to compliance with both social and established environmental standards and the request for corresponding certifications such as ISO 14001, ISO 45001, social standards and AIS Performance Standard. We require these especially for high-risk countries. Obtaining products from non-high-risk countries is an alternative we aspire to.

Great efforts are being made in product development to reduce resource consumption in manufacturing and during the use phase. this also includes the refurbishment of used products (remanufacturing).

In the area of logistics the material supply is constantly being optimised by means of software so that empty journeys and superfluous transport routes are avoided.

Economic added value

Guiding principle 07 – corporate success and jobs

Measures and activities:

We at Magna Powertrain EMAS sites wish to secure our corporate success for the long term and have anchored sustainability in our strategy. We work with a standardised business planning process and report regularly within internal corporate guidelines. In order to offer secure jobs, we approach recruiting sustainably and offer industrial and commercial training and dual and co-operative degree courses. Apart from dual degree courses in Mechatronics - E-Mobility and IT-Automotive, our portfolio also contains the Electrical Systems Engineering and Automotive Systems Engineering co-operative degree courses.

We also carry out regular employee surveys and have standardised management processes.

Results and developments:

Various Magna surveys (Employee Opinion Survey, EOS) were carried out at different sites in 2022. The result reflects the satisfaction of our employees. The EOS is a measuring instrument to assess the quality of working life based on our employee charta principles.

Since the results of the surveys in Untergruppenbach+ (including Cologne, St. Georgen, Neuenstadt and Munich) remained excellent (over 85% agreement), the cycle for repeating the survey will remain at 18 months. The next Employee Opinion Survey for this site will therefore probably take place in October 2023.

Apart from over 40 statements, employees have the opportunity to leave comments. A topic becomes a so-called TOP comment as soon as it is mentioned by more than 10% of participants.

EOS comments and analyses are summarised to core topics and produce potential for improvement in the divisions.

The topics identified are processed at the respective site in focus groups according to the 5-why method. Reasons and measures within the group are identified. The results are then presented to management and checked as to their feasibility. The status quo of these activities is regularly presented at our employee meetings.

Moderation of the focus groups and co-ordination of the internal communication (applied all year round) is normally done by the personnel development department.

Outlook:

The frequency of the surveys is different at all sites and is also related to the result. Pre-determined internal regulations exist as to when and how often surveys should take place.

Upcoming surveys in 2023:

- Untergruppenbach+: from 16th to 20th October 2023
- Neuenstein: from 13th to 17th March 2023
- Rosenberg: from 13th to 17th March 2023

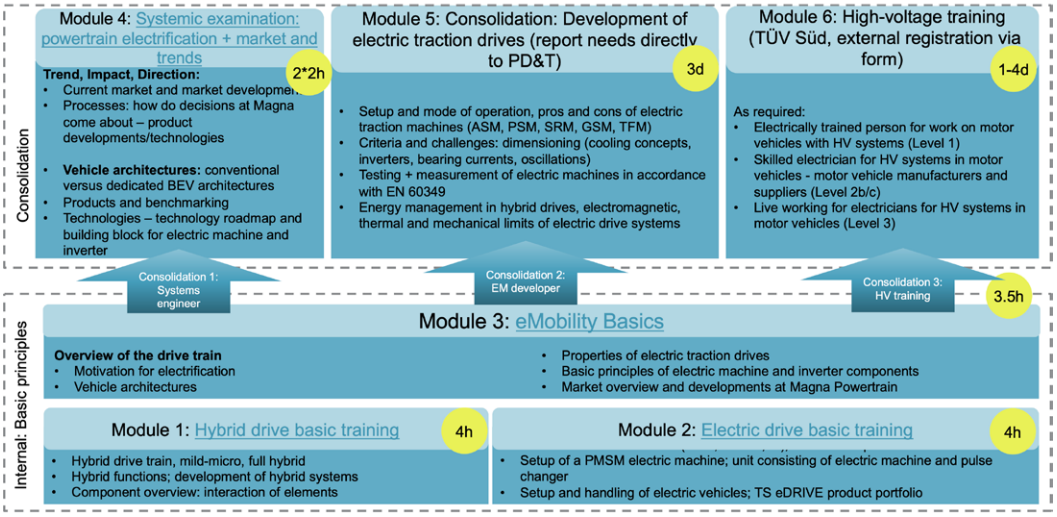
ETM @ Electrification Training Modules @

The qualification of employees is an important step in the course of the transformation of the automotive industry towards electrification and hybridisation. The Electrification Training Modules@ TS (ETM@TS) concept was developed in 2021 and continued in 2022 in order to contribute to this, In this, Magna PT B.V. & Co. KG employees are taught about important developments and technologies and also market prospects.

These modules have already been taken by many employees from the engineering area:

- Module 1 – Basic training in hybrid drives
- Module 2– Basic training in electric drives
- Module 3– eMobility Basics
- New since 2022: Module 4: Systemic examination of powertrain electrification + market and trends

A total of approximately 400 employees have completed at least one module since the third quarter of 2020. There were over 2,000 training sessions overall. In addition, individual and needs-based further training for all employees is guaranteed at all times by the annual qualification dialogues and subsequent participation in training during the year.



Outlook:

The implementation Module 4 - Systemic examination of powertrain electrification + market and trends starts at the beginning of 2022. Initially there are four events with 25 places each. Work is also progressing on the implementation of Module 5.

Professional Education Programme (PEP) & bursary

In order to continuously promote the professional further development of employees, Magna offers two different programmes: the Professional Education Programme (PEP) and the bursary for former trainees.

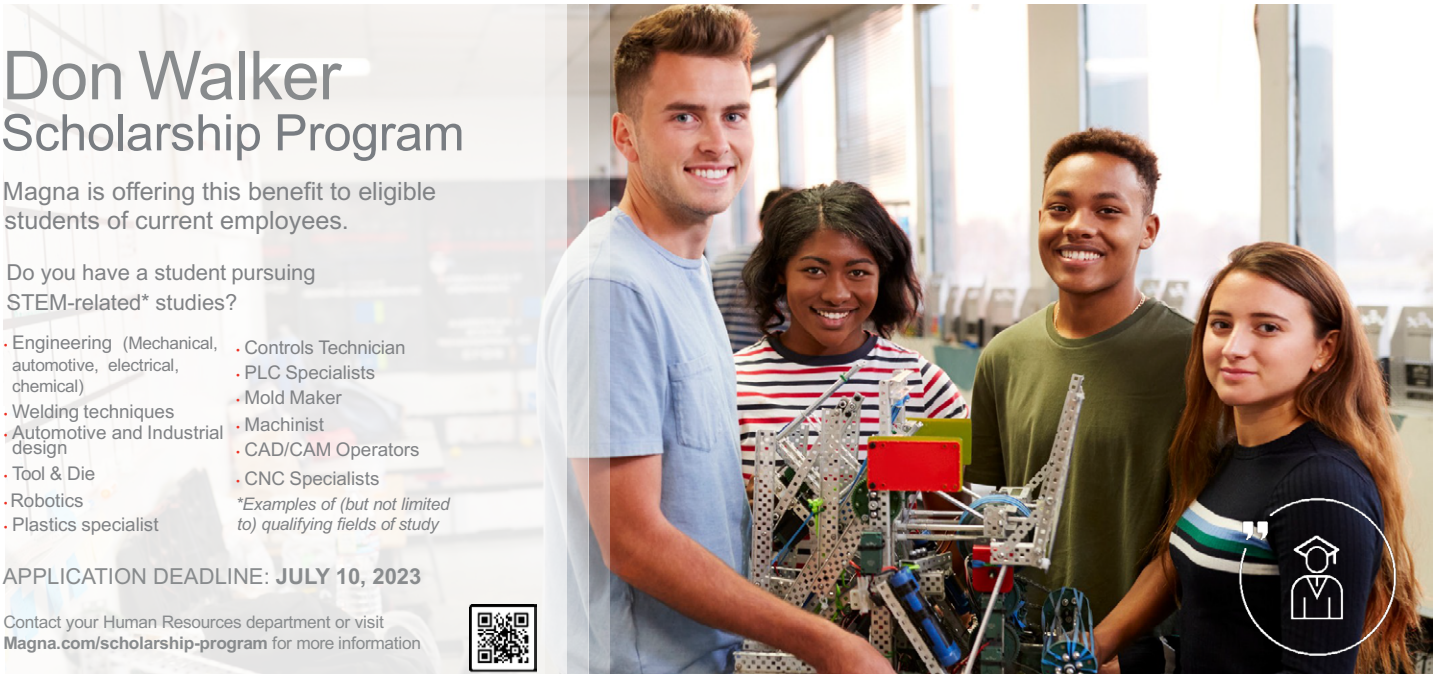
Within the PEP, several employees per year are supported financially in their in-service further training to become master craftsmen, Bachelor's or Master's graduates in degree courses which are related to their current or future activities following successful completion of the training measure.

With the bursary, former trainees are supported in their degree courses with a monthly contribution. In addition, they also complete the obligatory practical placement and the Bachelor's thesis at Magna in order to guarantee an optimal professional start.

Don Walker bursary programme

The Don Walker bursary programme was set up in 2021 to support the children of employees with a degree course in the areas of science, mathematics and technology. By smoothing the path for future generations, Magna will continue to belong to the pioneers for the future of mobility.

A Don Walker bursary was handed over to the son of an employee in Untergruppenbach on 9th December 2022. He is in the first semester of a Physics degree at the University of Freiburg.



Sustainable and fair finances, anti-corruption

Guiding principle 09 – Financial decisions

Measures and activities:

Magna Powertrain EMAS sites also act sustainably in the context of financial decisions and in accordance with corporate principles which are anchored in the code of conduct and ethics. Magna's code of conduct and ethics has been in force since 1st September 2016.

Results and developments:

Regular training in the areas of Internal Control and Compliance (Policies and Procedures) are obligatory for all employees. This training is carried out centrally by Magna. In addition to the standard training, comprehensive refresher training is carried out regularly in these areas.

Employees who do certain tasks are possibly exposed to a greater compliance risk and therefore receive additional and more profound training.

Outlook:

Magna Powertrain EMAS sites are working constantly at improving organisation by subjecting already known risks to a constant assessment process and assessing newly identified risks for their risk potential and initiating corresponding measures. The aim is to identify and correspondingly minimise risks.

Guiding principle 10 – Anti-corruption

Measures and activities:

Magna Powertrain EMAS sites act with a moral and ethical aspiration to prevent corruption and to uncover and sanction corresponding processes. Compliance is an important cornerstone of integrity for this.

We also carry out an integrity check for our service providers who act on our behalf to check whether they also comply with Magna's currently valid ethics and compliance guidelines.

Magna provides a whistleblowing hotline on their Internet platform via which incidents in terms of internal and external criminal acts, misappropriation and bribery can be reported. Every incident reported in this way is investigated internally.

Processes with control activities are set up in the company which are intended to prevent illegal actions. By signing the SOX 404 certificate management confirms that it is not aware of any actually or possibly illegal offences or violations.

Topics such as third party government intermediaries (TPGI), the auditing of conflicts of interest and payments to government officials, the posting of certain business transactions and compliance with data protection are checked by regular internal compliance audits. Illegal acts should therefore be detected and prevented.

On the topics of employer branding, sponsoring and charitable donations, the donations and sponsoring policy has been set up at Magna Powertrain EMAS sites for the purpose of monitoring cashflows. According to this, donation receipts must be given to management and the respective accounting departments as a scan. All sponsoring and donation enquiries above a certain value must be send to the Magna Corporate Social Contribution Committee (SCC) for approval.

Obligatory compliance training is intended to ensure that all employees are sensitised to this issue, This training imparts the necessary knowledge by means of examples so that our business activities are carried out in an ethical manner. In addition, policies on the topics of bribery and improper payment, conflicts of interest, gifts and entertainment and anti-trust and competition are established.

The publicly available Code of Conduct stands above all topics.

Results and developments:

Regular training which is compulsory for all staff is carried centrally by Magna. Employees who do certain tasks are possibly exposed to a greater compliance risk and therefore receive additional and more profound training.

Outlook:

We are constantly working at also improving compliance organisation in order to detect, assess and if necessary further minimise corresponding risks. New compliance-relevant matters are included in compliance organisation.

Regional added value

Guiding principle 11 – Regional added value

Measures and activities:

One example for our social engagement at the Neuenstein site is support for the food bank in Öhringen in 2022.

The food bank shop is a project run by the Protestant, Catholic and Protestant-Methodist churches. There is a great deal of voluntary commitment behind the food bank shop. More than 40 volunteers donate time and effort.

Not everyone has their daily bread - although there is an abundance of food. The food banks try to even this out. The aim of food banks is to distribute qualitatively flawless food to those in need.

The goods, which are freshly donated daily, are sold at a low price to recipients of unemployment benefit or social security and to people with a low income.

Results and developments:

Magna Neuenstein's SR team decided again in 2022 to donate food and other everyday products to the value of 1,500 euros to the food bank in Öhringen. Our donation is important for us as we can help people in need locally.

Outlook:

The Neuenstein site will probably also continue this co-operation with the food bank in 2023.

Guiding principle 12 – Incentives to rethink

Measures and activities:

After the pandemic situation improved somewhat in 2022, it was again possible to hold larger physical events towards the end of the year. We therefore gave some thought to how we can impart further incentives to employees in times of hybrid working at development sites and continued special conditions in our works.

Results and developments:

Sustainability week

A hybrid sustainability week with lots of topics took place in October 2022 at the Untergruppenbach site. The Sankt Georgen and Untergruppenbach development sites were also warmly invited to participate in the digital events (e.g. presentations). Parallel to this, interactive events were held on-site in Untergruppenbach to sensitise employees.

The following activities took place during the sustainability week:

- Daily presentations on sustainability topics:
  - Sustainability at Magna
  - Magna's journey to eco-social products
  - Sustainability in the supply chain
  - Lifecycle assessment
  - Sustainability in product development
- Sustainability quiz: three sustainable baskets of goods were raffled amongst the participants.
- Exhibition in the entrance area in Untergruppenbach:
  - 17 targets for sustainable development (SDGs)
  - Ecological footprint
  - Carpools
  - Information on the Aluminium Stewardship Initiative
  - Tips and tricks - sustainability in everyday life
  - Zero waste
  - Christmas in a shoebox
- Collection of old mobile phones or headphones for the Nabu recycling box
- Health protection day with topics associated with nutrition
- Occupational health and safety day: Shoe fair and information on road safety and other occupational health and safety measures

METRIS fundraising campaign

METRIS is the name of our idea management system at Magna Powertrain B.V. & Co. KG. Every employee can hand in their ideas and suggestions for improvement for the company via this tool. The ideas handed in are assessed monthly in a selected committee. Since ideas are always positive and contributing one's own thoughts should be rewarded, a sophisticated award system has also been developed for METRIS. Principally, every employee has the possibility of collecting points by handing ideas even if the ideas are not implemented. By the end of the year the points collected are then available for employees to redeem.

A further idea came about through this and the METRIS fundraising campaign was set up. Since its implementation, the award points collected can not only be redeemed for vouchers or team events but also donated to a charitable purpose. The fundraising campaign is additionally combined with the Magna Matching Programme. This programme doubles donations for charitable initiatives which have been collected or donated by a group of ten or more employees 1:1.

The campaign was started for the third time in 2022. 3945 points were donated by the fundraising campaign in 2022. With the Magna Matching Programme that makes a donation of €7890 to a charitable organisation. The organisations are proposed by employees and where the donation should go is decided by drawing lots at the beginning of 2023.

The sites ran further events in 2022 such as the call to hand in ideas on the topic of energy saving.

Outlook:

We want to continue to work actively at winning over more employees for the topic of sustainability. We will think about which communication routes and events can be best used to reach employees and other interest groups.

10

Our WIN! project

With our WIN! Project Magna Powertrain is making a contribution to sustainability for the Heilbronn region.

We support this project

Tree-planting event 2022 – Heilbronn Forest Stewards & Magna

Type and extent of the support, results and developments

The project

Our support for the local Heilbronn Forest Stewards project started in 2022 with “roots” in Mönchsee Grammar School Heilbronn. Under the motto of Next Generation Heilbronn, the central concern of the forest stewards is the care and maintenance of domestic forests, the protection of the regional flora and fauna and social engagement for children and adolescents in the region. Further information is available on the website: Heilbronn Forest Stewards (waldpaten-heilbronn.de)

Status

In 2022, Magna B.V. PT & Co. KG at its Untergruppenbach location supported the Forest Stewards’ project financially so that the regional forests could be reforested with oak saplings. The young people planted a total of 650 trees for us. The Forest Stewards have been provided with a planting and care site by the Municipality of Heilbronn in order to be able to create a viable forest through reforesting.

A joint tree-planting event by Heilbronn Forest Stewards and Magna took place on this site on 7th November 2022. Oak sapling cultivated by the Forest Stewards themselves were planted, strongly supported by our trainees and also Mr. Volker Ludwig Director Global Sustainability EHS, Magna Powertrain) and Mr. Peter Tillmann (Untergruppenbach site management Director QEHS Magna Powertrain).

Outlook

Magna B.V. PT & Co. KG at the Untergruppenbach site is planning to continue supporting the Forest Stewards with their many activities in 2023. In addition, we hope that we can a make a new start with the Paul Meyle School, the WIN! project from previous years, possible again.

11

Environmental aspects

Procedure for determining the important environmental aspects

The environmental aspects at Magna Powertrain EMAS sites are determined in accordance with EMAS ordinance 1221/2009. Changes, including planned or new development and new or changed activities, products and services and also intended and reasonably foreseeable emergency situations are proved for.

The significance of environmental aspects and the associated environmental impacts are determined by a risk assessment. The current situation is assessed. The use of suitable means to reduce the different environmental impacts is examined and adapted as necessary via plans for measures, for example the EHS/SR programme. Parts thereof become targets. These are listed in Chapter 15. The obligations, measures and targets for dealing with our important environmental aspects associated with the environmental aspects are determined as well as the competence and awareness of employees are trained in dealing with environmental aspects in their area of activity.

The environmental aspects are communicated between the EHS area and the relevant persons and changes are reported in the management review.

The following significant direct environmental aspects result from examining our main activities, products and services:

- Development activities
- The manufacture and assembly of drive train components including for example activities such as cleaning, machining, hardening, welding and jet blasting
- Storage of gases and chemicals
- Waste disposal

Environmental impacts on air, water, resources and the immediate vicinity of the sites are kept as low as possible through a number of measures. Environmental aspects for abnormal operation are also examined. The findings are included in system documents such as work and operating instructions and alarm plans. A business community plan controls the interaction of the different players in certain emergencies. A business community management planning and control team exists at all sites in addition to site management. This team co-ordinates the emergency plans defined in advance in case of an emergency. Environmental emergencies are prevented with regular maintenance and also internal and external checks. Maintenance and testing intervals are defined in accordance with statutory requirements as a minimum or shortened appropriately in case of higher risk. Maintenance and tests are initiated and monitored with computer support. For example, tests of catching devices, storage tanks, spill kits, storage, filling and transshipment areas are organised in this way.

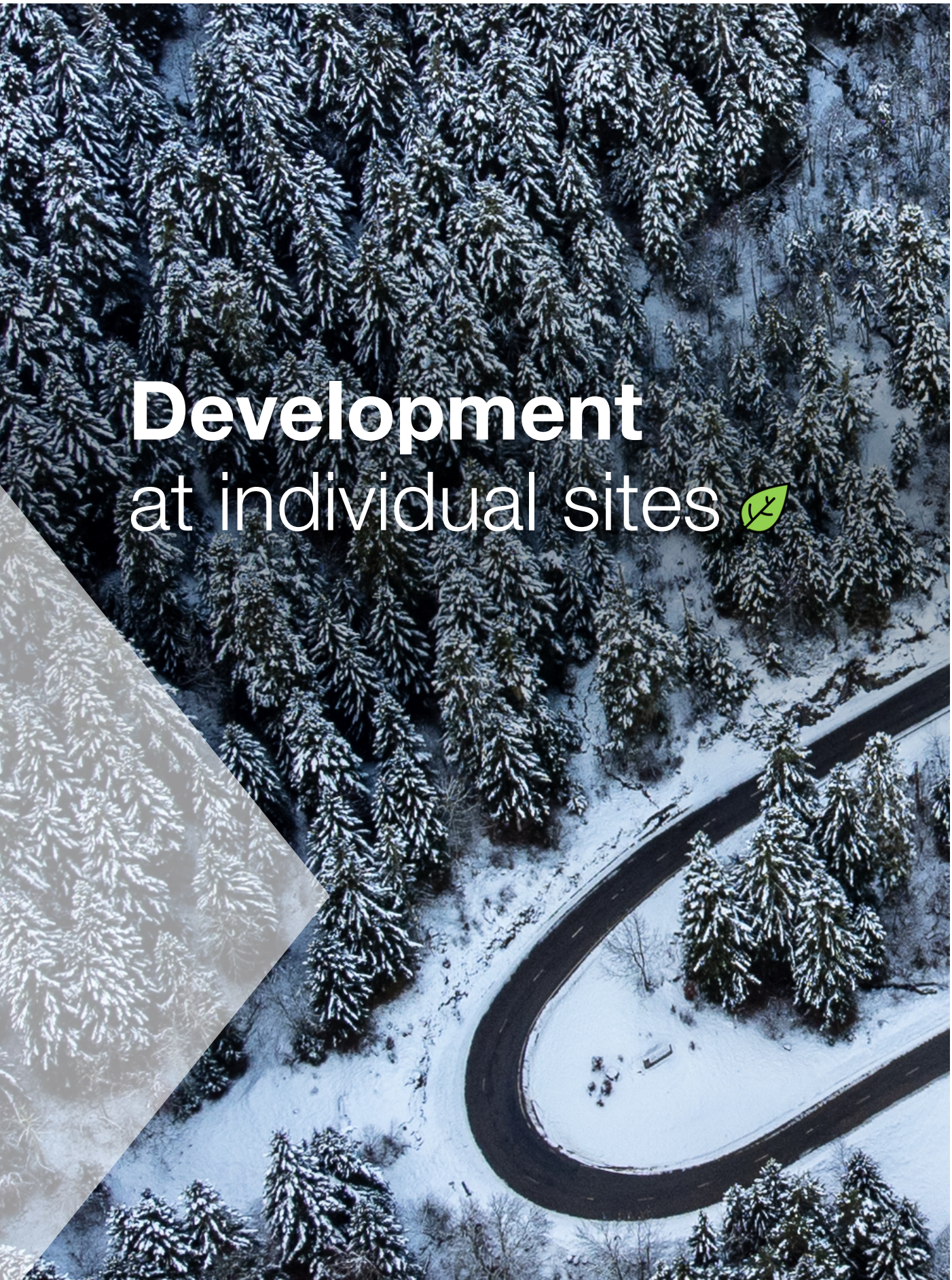
Should an incident occur despite all safety and cautionary measures (e.g. a fire or substance leakage) this does not necessarily lead to any impairment for the neighbourhood outside of the company site. The public is informed via the authorities as required. Emergency plans are checked and updated regularly. Environmental emergencies are analysed and emergency planning optimised as part of systematic problem-solving such as the 8D method.

For the Neuenstein site, information for the public is available on https://www.magna.com/de/unternehmen/unternehmen/magna-gruppen/magna-powertrain/fakten-zahlen.

Further significant influenceable indirect environmental aspects such as raw material extraction, development / design, purchasing and awarding contracts, production, transport, usage, treatment at the end of the use phase result from examining the lifecycle of products and services.

Significant environmental impacts with capital investments, the granting of loans and insurance services, new markets, the selection and composition of services, management and planning decisions, the composition of the product range, the environmental performance and behaviour of contractors, subcontractors, suppliers and sub-suppliers are systematically determined and assessed and measures initiated to reduce environmental impacts or increase benefits for the environment.

12



Development
at individual sites

Untergruppenbach

- Inaugurated in 2002
- Site size: approx. 50,000 m^2
- 948 employees including trainees and students (as of 31st December 2022).
- A Magna PT B.V. & Co. KG development and technology site

The Untergruppenbach site act in a dual function as an operative and also strategic location. Complete transmissions are built, tested, checked and dismantled in prototype and trial building In addition, development areas and also central functions and departments are located at the site.

The QEHS/SR area is also divided into a superordinate and a site-specific area. The site-specific area supports management on-site and supervises all EHS topics associated with the site. Magna PT B.V. & Co. KG's QEHS/SR group office supports all Magna PT B.V. & Co. KG sites and also Modugno und Kechnec with sustainability topics from occupational and environmental safety to management systems and social responsibility.

Corona continued to affect work at the Untergruppenbach site in 2022. The possibility of flexibly swapping between mobile working and working on-site in the office has established itself.

Magna PT B.V. & Co. KG achieved CO_2 neutrality in 2020, so far with the aid of compensation projects. There is a constant search for new possibilities for further reducing overall CO_2 emissions. For this, work on a transformation concept was started 2022 in collaboration with an external service provider in order to work out the route to actual greenhouse gas neutrality (so without compensation).

Project planning in relation to a photovoltaic system was delayed but continued intensively in 2022. Due to the difficult energy situation, already finalised quotations lost their validity and various further potential providers with which we were already in contact stopped taking on new projects. Implementation is now intended to start in 2023; due to supply and capacity bottlenecks the project will not be completed until 2024.

There were a number of activities in the SR area in Untergruppenbach last year. A donation campaign with donations in kind was organised at the site at the beginning of the year after the inconceivable war broke out in Ukraine. The donations in kind were passed on to the needy by the German Red Cross.

Our popular sustainability week was resumed in 2022. Many sustainability activities took place in calendar week 43 and an active exchange with our employees took place as a result. There is more on the activities under guiding principle 12.

In the course of the sustainability week our support for the Forest Stewards was also publicised and our tree-planting campaign for 2022 was advertised. For further information see Chapter 10 Our WIN! project.

Intensive preparations in the areas of prototype assembly and e-laboratory took place in 2022 in order to be ready for future e-mobility issues as a site.

St. Georgen

- Founded 1990
- 68 employees (as of 31st December 2022)
- approx. 3957 m^2 surface area

Magna PT B.V. & Co. KG's St. Georgen site in the Black Forest consists since its foundation of several rented areas in two linked buildings. The building and thus the areas used by Magna are supplied with heat from a central gas-driven combined heat and power plant. An agency which plants new mangrove forests was commissioned to compensate for the CO_2emissions from the production of heat and electricity. The St. Georgen site can thus be regarded as CO_2 neutral.

As regards organisation and administration, St. Georgen is dependent on the Magna PT B.V. & Co. KG site in Untergruppenbach. Embedded software is designed, implemented and validated mainly at the site. Employees at the St. Georgen site develop software to automate vehicle transmissions in close collaboration with further national and international Magna sites.

Software development for battery-driven vehicle transmissions is increasingly becoming the main focus of activities.

Since the corona pandemic, mobile working has established itself for employees'; meetings take place virtually and travel to other software development sites is limited. This means many vehicle journeys are superfluous and CO_2emissions are being reduced.

Certification/validation to ISO 45001, ISO 14001, IQNetSR10, IATF 16949 und TISAX was successfully maintained in 2022.

Neuenstadt a. K.

- Approximately 10.000 m² hall space
- 36 employees including trainees and students (as of 31st December 2022).

Magna PT B.V. & Co. KG's logistics services centre, known as LDZ for short, was founded in 2004 against the background of optimising and bundling goods and empty container transportation between Magna PT B.V. & Co. KG in Germany and its suppliers. Magna PT B.V. & Co. KG's logistics centre has been located in Neuenstadt a. K. since December 2010.

The LDZ is partly located in a water protection area but it is not necessary to appoint a water protection officer. Since mainly metal and plastic goods are handled here the environmental relevance can be classified as extremely low. From the point of view of environmental protection, the main focus is on energy consumption and contamination risks.

None of the systems in Neuenstadt have to be approved. Consumption and emissions arise from running the building and transport movements within the warehouse. Handling hazardous substances is limited to operating a facility for determining the cleanliness of components and cleaning and conserving replacement parts.

The indirect impact for the environment consists of the ever increasing share of goods intake from global sharing which requires the use of disposable packaging. The return of empty reusable packaging across large distances is associated with corresponding energy consumption.

Neuenstein

- Founded as Zahnradwerk Neuenstein in 1975
- Works size: 142.146 m^2
- 827 employees including trainees and students (as of 31st December 2022)
- Production: manual, dual clutch transmissions and wheelset components

2022 was dominated by the corona pandemic and guaranteeing production. Various material bottlenecks had an extremely negative effect on output and capacity utilisation. The Neuenstein site is the largest manufacturing Magna PT B.V. & Co. KG site in Germany and has a large product spectrum. Wheelset components are also manufactured in addition to manual and dual clutch transmissions.

Large increases in energy costs represent a particular challenge but through many measures it was possible to lower power consumption at Neuenstein, for example the BHKW (power plant) was put into service in 2022. Details of targets are to be found in Chapter 15.

It was possible to reduce water consumption by 7.5% compared to the previous year. No evaluation of savings was done due to various influence factors.

Contaminated areas at the site have been in the process of being remediated for the last 20 years. A pilot project to remediate ground water damage was started in Building 2 at the beginning of 2022 in order to decrease the remediation period and also costs. Through the injection of molasses, micro-organisms present there were stimulated into degradation to accelerate dechlorination. The DOC (dissolved organic carbon) concentration has already dropped significantly in the test field measurements. The pilot project will foreseeably be concluded in April 2023. A remediation concept is being drawn up on the basis of these findings.

The main water channels in the outdoor area are driven along and will be renovated as required. The further renovation of the channels in the buildings was planned and implementation will start in 2023.

In the field of sustainability, continued use of items was made possible and waste reduced by selling old material to staff in 2022. The proceeds were donated to various organisations.

A pilot project for recycling plastic blisters which are needed for transporting various transmission parts was started in Spring 2022. This meant that approximately 17 tonnes of PS, PP and PET were recycled in 2022.

800 tonnes of excavated soil which came from digging foundations for the combined heat and power plant were used to set up bottom sealing for the disused waste site in Beltersrot. This quantity uniquely increases the waste balance in 2022.

Rosenberg

- Founded in 1970
- Works size: 36.811 m^2
- 421 employees including trainees and students (as of 31st December 2022).
- Production: manual transmissions, manufacture of components for dual clutch and hybrid transmissions

2022, as was 2021, was dominated by the effects of the corona pandemic and the associated effects.

Despite these circumstances the works was able to increase production time thanks to strategic planning and foresight. The start-up to deliver components for hybrid transmissions to the Kechnec works launched in November 2021 was successfully completed in 2022 and has been running stably ever since.

The planned reduction in oil diversity at the site by replacing a processing oil was successfully completed in 2022 by the connection of two processing machines to the central oil supply. Around 5,000 litres of oil and around 160,000 kWh of electricity are being saved annually through this.

The project to implement a new system for the central supply of processing machines with grinding emulsion started in 2021 was also completed extremely satisfactorily in 2022. This project provides an annual energy saving of approximately 70,000 kWh and also minimises the risk of the floor becoming contaminated with cooling lubricants due to burst old pipes.

Planning for the installation of a photovoltaic system was postponed for the time being for economic and strategic reasons. The roof surfaces renovated in 2022 are ready should the plans become more concrete again.

Numerous local associations supported us with hospitality and childcare at our family day on 4th September 2022 on the occasion of our 50th company jubilee in this year. The proceeds which came from the sale of coffee and cakes was significantly topped up by the site. This ultimately amounted to €3350 and was donated to charity.

A project was started to contribute to supporting biodiversity. A hitherto unused area is now to serve as an ecological area for flora and fauna and be made experienceable for our employees in the process. A biologist who was called in surprised us after inspecting the area by stating that the area can already be designated as a biotope. The structures formed with piles of stones, bushes and in a dry sunny location offer ideal living conditions for domestic birds and insects. This situation was supported further with a number of targeted measures. Just in time for the aforementioned family day in September 2022, paths were covered with wood chips so that the area was accessible and experienceable.

Cologne

- TIC (Transmission Innovation Centre) Building constructed in 2003
- Rented surface area: 3311 m² office space / 538 m² floor space (workshop, laboratories and storage room)
- 224 employees (as of 31st December 2022)
- Product development and central departments
- Office space, test bench room, electronics laboratory and workshop

Our Cologne site was built in 2003. The building was sold as of 15th February 2022. The TIC's rented areas serve as a site for Magna PT B.V. & Co. KG.

The architectural style of the office building is similar to that of the site in Untergruppenbach and houses the administration and development areas of Magna PT B.V. & Co. KG and also additional companies.

Certifications/validations to IATF 16949, ISO 14001, ISO 45001, EMAS, and IQNet SR 10 were maintained in 2022. A scheduled internal audit was carried out as part of the existing TISAX certification.

A large number of Magna PT B.V. & Co. KG employees at the Cologne site work in the area of software development and software validation. The first series launch of a hybridised dual clutch transmission for a new customer was also supported in Cologne during the course of 2022. Functions for the Hybrid Control Manager and the implementation of purely electric driving or electrically supported driving were developed together with the customer as part of these development activities. The target of further reducing emissions was achieved. The market launch took place at the beginning of 2021 and the product was rolled out in further vehicle variants in the course of the year.

Furthermore, the Cologne site is continuing to put its faith in the strategy to increase simulation capacity. The SiL (Software in the Loop) environment was used in all software projects with the newest generation of control devices during 2022 and the SiL environment has meanwhile become the standard for development projects. This makes possible the use of simulation to a larger extent, which further reduces the use of HiL (Hardware in the Loop) test benches for test purposes.

One main focus of work in Cologne is also in the development of the Magna Operating System (MOS), This is an operating strategy at vehicle level which is to be deployed for both electrified drives (e.g. hybrid transmissions) and purely electrically driven vehicles. It controls the energy flow in the drive chain and this contributes to the most efficient use of resources possible.

A car sharing agency was set up in 2019 to further reduce the number of car journeys between Magna sites. This was extended for journeys to the airport and back.

During recent years, gear detection sensors for all manual transmission families have been developed at the site. These sensors permit automated switching off of the combustion engine during vehicle stops and thus contribute to further reducing exhaust emissions.

As part of the newest generation of Magna dual clutch transmissions, the mild hybrid technology (48V) permits kinetic energy to be stored/utilised and thus contributes to reducing exhaust emissions and achieving EU climate goals. The inverter (inverter for the 48V battery voltage on three-phase rotary current to operate the electric motor) takes on a central function here. Series production of the inverter was started for two customers at the end of 2021 and a further variant is currently in development.

Site employees in the TIC took part in the City of Cologne's city cycling campaign as Team Transmission Systems in 2022. With 31 active cyclists, 850.1 tonnes of CO_2 were saved. The City cycling campaign is part of a nationwide competition with the aim of encouraging as many people to start using a bike daily and thus make a contribution to climate protection. The Cologne site has been represented under changing team names since 2016.

A wild flowerbed, several wild flower meadows and an insect hotel were also given space on the company site to promote biodiversity.

Four long-serving bícycles from garage stocks at the Cologne site were donated to the Aktion Nachbarschaft e. V. to promote sustainability. This charitable association has a small workshop where it refurbishes old bicycles and hands them over to people in socially strained parts of the district. In addition, the Cologne site supported the Untergruppenbach site's sustainability week with two events for employees: one the one hand, sustainable chocolate was handed out in exchange for donations and on the other 3.4 kg of old electrical equipment was collected for a conservation organisation's recycling campaign.

Modugno

- Founded in 1997
- 897 employees (as of 31st December 2022)
- Works size: 46.500 m^2
- Production: dual clutch transmissions, gear sets

3,000 transmissions per day can be assembled and 2,800 gear sets produced at the Modugno site. These products are two dual clutch transmission families, types DCT 250 and DCT 300.

Every year, the target is to reduce energy (kWh/ET), water (m^3/ET) and waste production (kg/ET) by 2%. These targets were achieved in 2022.

Energy

The electricity used at the site is partly bought in and partly self-produced with a combined heat and power unit (KWK) which also supplies heat energy in the form of cold.

In addition, part of our parking lot consists of a photovoltaic system with 1340 solar cells.

The shares of energy used in 2022 are as follows:

- Solar energy from photovoltaics: 428 MWh (0.7 %)
- Self-produced power from the heat and power unit: 6,142 MWh (25.9 %)
- Electrical energy drawn from the network: 31,99 MWh (51.1 %)
- Self-produced power from the heat and power unit: 6,142 MWh (22.3 %)

CO_2

Scope 1: the CO_2 produced by the heat and power unit is compensated by a gold standard project.

Sustainability

The Modugno site produces its own sustainability report every year. The document was published once again in 2022, based on data from 2021, produced according to the GRI standard and taking into account the United Nation's SDGs. A new report with data for 2022 is being prepared.

Main targets for 2023

Energy (SDGs 7 - 12 - 13): In 2023 the site will continue with implementing the system for producing solar energy which will consist of extending the current system (roofing over the employee car park) and the use of all building surfaces on which the installation of solar panels was possible. The system with a capacity of 4 MWp will produce around 4300 MWh per year.

Water (SDG 12): since cooling towers are used, some 50% of water is lost through evaporation. In 2022, the water requirement will increase further due to the combined heat and power unit, for which the cooling towers are also used. It was therefore decided to collect rainwater from all surfaces where it runs off and to build a water reservoir to partly compensate for the increased requirement. The main collecting basin was finished in 2022 and work on the installations (pumps, pipes, intermediate basins) will be completed in 2023 and it is estimated that up to 38,000 cubic metres of water per year can be compensated.

Waste (SDG 9 - 12): the grinding sludge consists 51 % of oil. Work on reducing the oil content in grinding sludge (through biological treatment) is ongoing. Studies and process engineering activities are in progress.

Safety (SDG 3): the site wishes to carry out a project to reduce noise during machining in 2023. Noise pollution will be reduced with technical measures and tailor-made hearing protection.

Kechnec

- Founded in 2005
- 1369 employees (as of 31st December 2022)
- Works size: 50.000 m^2
- Production: dual clutch transmissions, dual clutches

The works in Kechnec, Slovakia, is in the east near the border with Hungary. The works' main focus is on the manufacture of dual clutch transmissions and dual clutches.

A new production shed for clutches was built in 2021. All procedures required for building approval were implemented. It was started at the beginning of 2022.

There are no indigenous peoples or World Cultural Heritage sites within the site's area of influence.

The site is not a direct discharger into surrounding waters.

Compliance with the statutory provisions is assessed twice a year. No violations of the statutory provisions were recorded in 2022. No penalties or fines were imposed by state authorities. The works does not support political parties either directly or indirectly and makes no other payments to them.

No chemicals which could lead to significant contamination of the environment are released at the site.

Environmental and sustainability measures

Waste management – the Kechnec site has an extremely detailed waste separation system in the works. As a result, only some 0.5% of our waste lands on disposal sites, i.e some 99.5% is recycled (material utilisation, recycling, thermal utilisation).

Electricity savings – replacement of lighting in the production shed – the lighting was converted from neon to LED which saves 1,400 MWh per year.

Use of green electricity – the works exclusively uses electricity from renewable sources. This reduces greenhouse gases by approximately 2,700 tonnes CO_2 per year.

Energy savings – replacing exterior lighting. The lighting was converted from neon to LED - an annual saving of 45 MWh.

Water management – the works has an emergency plan for water management which includes dealing with substances harmful to water during the storage, transport and use of emergency kits. Regular monitoring of drinking water quality, waste water, rainwater and industrial waste water is carried out.

Types of water supplied:

- Drinking water, process water (approx.3.500 m³/month)

Types of waste water:

- Rainwater → oil separator → soil improvement channel
- Dirty water → communal sewage works (90%)
- Industrial waste water → industrial sewage works in an external sewage works (10%)

Promotion of biodiversity – a report on the protection and promotion of biodiversity in the Kechnec works was compiled in collaboration with a charitable organisation.

The following measures:to promote biodiversity were carried out:

- 3 Beehives were colonised
- 21 bird boxes were set up
- 40 trees were planted

Key activities for 2023:

To save power, the Kechnec site plans to install a 500 KWp photovoltaic system with which around 473 MWh per year can be saved.

Installation of heat pumps for heating which will save 490 t CO_2 per year. The use of natural gas for heating is to be stopped.

The following is planned to promote biodiversity:

- Maintenance of three bee colonies
- Planting of 20 trees
- Planting of low bushes

Expansion of the environmental awareness of our employees through regular training and communication of relevant topics (Earth Day, monthly topics, regular training).

Our defined and published targets for 2022 are based on the significant environmental aspects and involve:

- Waste water
- Waste
- Energy consumption
- Production of emissions
- Biodiversity

Social responsibility

- Support for the international peace marathon – starting fee for employees/sponsoring.
- Support with regional projects up to €35,000 (2023 projects – individual safety, sport and healthy lifestyle, tolerance).
- Collaboration with secondary schools – implementation of school pupil placements in the works.

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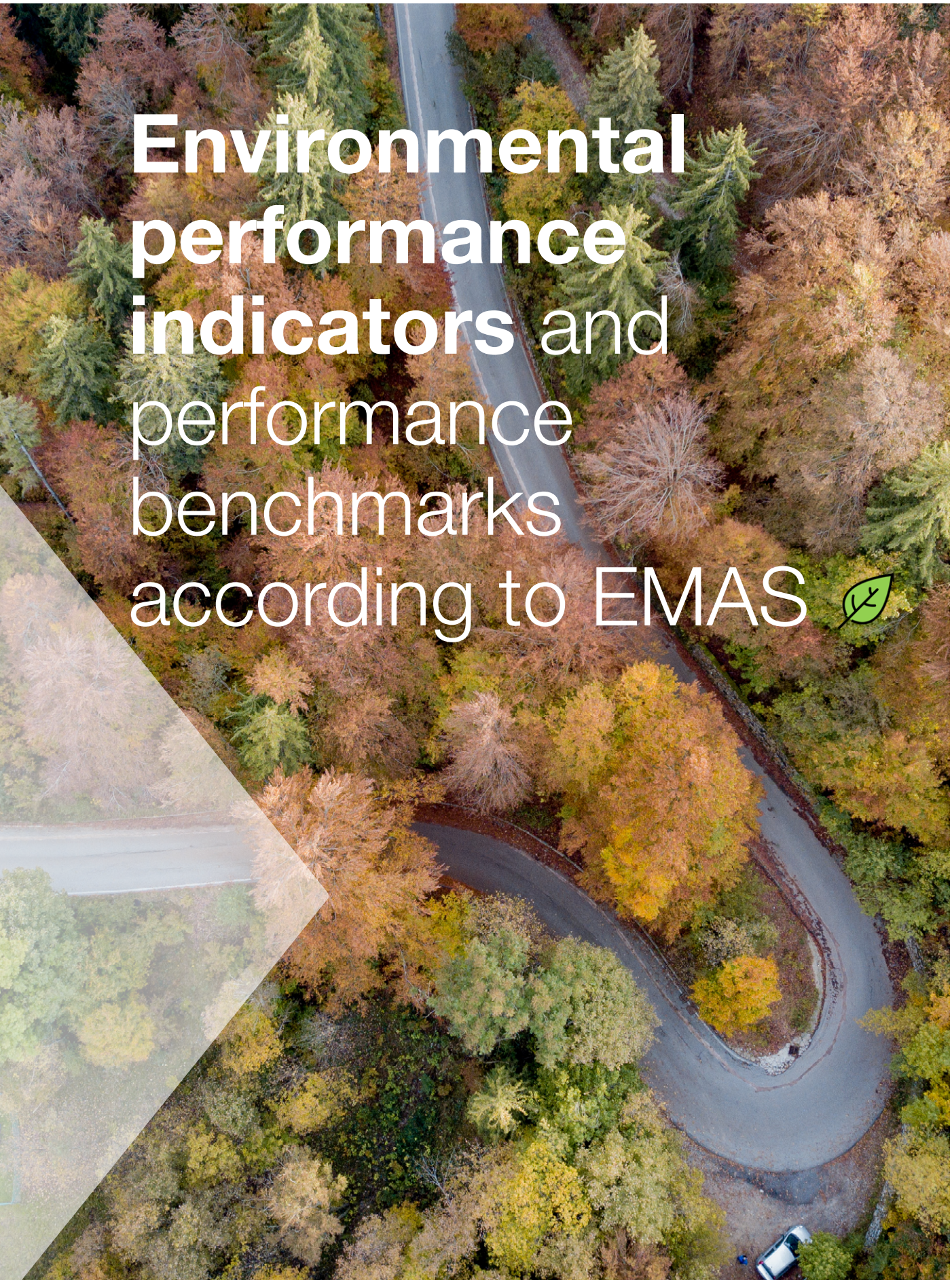

Environmental performance indicators and performance benchmarks according to EMAS

Environmental indicators 2022

Reporting period 2022		General overview	Neuenstein[2]	Rosenberg	Untergruppenbach	St.Georgen[1]	Neuenstadt	Cologne [1]	Kechnec	Modugno[2]
Material usage										
Iron	kg	**51.170.302**	Site-based data is not meaningful due to the partly existing inter-works component manufacturing							
Alu	kg	**23.408.763**								
Number of equivalent transmissions	ET	**2.273.149**	498.977	180.345	381.966	28.124	14.108	92.287	398.393	678.949
Land consumption	**m²**	**454.246**	**142.166**	**71.327**	**71.000**	**0**	**9.753**	**0**	**50.000**	**110.000**
Sealed surface	m²	**299.873**	82.420	50.300	22.400	0	9.753	-	36.000	99.000
Near-natural area at the site	m²	**131.346**	59.746	0	48.600	0	0	-	12.000	11.000
Near-natural area away from the site	m²	**23.027**	0	21.027	0	0	0	-	2.000	0
Energy consumption	**kWh**	**193.021.681**	**40.482.899**	**21.001.841**	**9.290.989**	**310.061**	**761.382**	**666.007**	**41.469.927**	**74.376.738**
Electrical energy	kWh	**122.823.600**	32.349.037	20.247.101	5.592.956	157.636	538.972	338.394	31.270.850	32.328.654
Gas	kWh	**63.757.076**	7.742.162	0	3.114.632	152.425	222.410	327.613	10.149.750	42.048.084
Heating oil	kWh	**65.630**	0	65.630	0	0	0	0	0	0
District heating	kWh	**689.110**	0	689.110	0	0	0	0	0	0
Diesel for transmission test bench	kWh	**125.666**	0	0	114.845	0	0	0	10.821	0
Petrol for transmission test bench	kWh	**898.761**	391.700	0	468.556	0	0	0	38.505	0
Fuels for company vehicles	kWh	**5.078.398**	Site-based data is not meaningful due to the partly existing inter-works data collection						0	**416.561**
Share of energy from renewable sources						**0**	**0**	**0**	**0**	**0**
Electricity share	%	-	94	100	100	100	100	100	100	66
District heating share	%	-	-	100	-	-	-	-	-	-

[1] areas within buildings at the St. Georgen and Cologne sites are rented. Data on sealed surfaces, near-natural areas and off the site therefore cannot be specified. In total, the rented space in St. Georgen including the workshop adds up to 2458 m² and in Cologne 3842 m²

[2] **Breakdown of energy consumed:**

Neuenstein: self.produced electricity from the combined heat and power plant 1,926,687 kWh (is included in the energy consumption gas key data); bought-in electrical energy 32,349,037 kWh; total electrical energy consumption: 34,275,724 kWh

Modugno: self-produced electricity from the combined heat and power plant: 16,142 kWh (is included in the energy consumption gas key data); bought-in electrical energy: 31,899,000 kWh; self-produced heat energy from the combined heat and power plant: 13,951,000 kWh; Solar energy from photovoltaics: 428,000 kWh

Reporting period 2022		General overview	Neuenstein[2]	Rosenberg	Untergruppenbach	St.Georgen[1]	Neuenstadt	Cologne [1]	Kechnec	Modugno[2]
GREENHOUSE GAS EMISSIONS	**t CO2e**	**15.967**								
CO_2 emission factors[3]										
Electrical energy	g/kWh	**0**	0	0	0	0	0	0	0	0
Natural gas	g/kWh	**202**	202	202	202	202	202	202	201	209
Heating oil	g/kWh	**264**	264	264	264	264	264	264	264	260
District heating	g/kWh	**238**	0	0	0	238	0	0	0	0
Diesel	g/kWh	**270**	270	270	270	270	270	270	270	270
Petrol	g/kWh	**260**	260	260	260	260	260	260	260	260
CO_2 (from energy consumption)	**t CO2e**	**14.707**	**1.666**	**17**	**782**	**31**	**45**	**66**	**2.053**	**8.788**
Electrical energy	t CO2e	**0**	0	0	0	0	0	0	0	0
Natural gas	t CO2e	**13.163**	1.564	0	629	31	45	66	2.040	8.788
Heating oil	t CO2e	**17**	0	17	0	0	0	0	0	0
District heating	t CO2e	**0**	0	0	0	0	0	0	0	0
Diesel for transmission test bench	t CO2e	**34**	0	0	31	0	0	0	3	0
Petrol for transmission test bench	t CO2e	**234**	102	0	122	0	0	0	10	0
Fuels for company vehicles	t CO2e	**1.371**	Site-based data is not meaningful due to the partly existing inter-works data collection							
CH_4										
Natural gas	t CO2e	**10,22**	3,90	0,00	1,57	0,00	0,00	0,00	4,75	0,00
Heating oil	t CO2e	**0,15**	0,00	0,08	0,00	0,00	0,00	0,00	0,06	0,00
Propane	t CO2e	**1,19**	1,11	0,05	0,00	0,00	0,00	0,00	0,04	0,00
N_2O										
Natural gas	t CO2e	**2,01**	0,74	0,00	0,30	0,00	0,00	0,00	0,97	0,00
Heating oil	t CO2e	**0,11**	0,00	0,04	0,00	0,00	0,00	0,00	0,06	0,00
Propane	t CO2e	**0,28**	0,26	0,01	0,00	0,00	0,00	0,00	0,01	0,00
HFC										
Coolant	t CO2e	**752**	21	373	69	0	0	0	15	275
Methanol	t CO2e	**382**	382	0	0	0	0	0	0	0
TOTAL EMISSIONS IN THE AIR										
NOx										
Natural gas	kg	**3.442,88**	418,08	0,00	168,19	8,23	12,01	17,69	548,09	2.270,60
Heating oil	kg	**7,80**	0,00	7,80	0,00	0,00	0,00	0,00	0,00	0,00
SO_2										
Natural gas	kg	**114,76**	13,94	0,00	5,61	0,27	0,40	0,59	18,27	75,69
Heating oil	kg	**0,12**	0,00	0,12	0,00	0,00	0,00	0,00	0,00	0,00
Dust (PM10)										
Natural gas	kg	**22,95**	2,79	0,00	1,12	0,05	0,08	0,12	3,65	15,14
Heating oil	kg	**0,02**	0,00	0,02	0,00	0,00	0,00	0,00	0,00	0,00

Reporting period 2022		General overview	Neuenstein[2]	Rosenberg	Untergruppenbach	St.Georgen[1]	Neuenstadt	Cologne [1]	Kechnec	Modugno[2]
Water consumption	**m³**	**219.356**	**36.380**	**13.300**	**13.315**	**397**	**628**	**793**	**38.809**	**115.734**
Drinking water	m³	**107.872**	36.380	13.300	9.015	397	628	793	37.090	10.269
Process and well water	m³	**107.184**	0	0	0	0	0	0	1.719	105.465
Rainwater	m³	**4.300**	0	0	4.300	0	0	0	0	0
Waste water	**m³**	**205.832**	**36.380**	**13.300**	**13.315**	**0**	**0**	**793**	**36.579**	**105.465**
Production waste water	m³	**68.377**	11.346	3.946	0	0	0	0	2.467	50.618
Other waste water (e.g. sanitary facilities)	m³	**63.948**	5.607	3.769	13.315	0	0	793	33.873	6.591
Evaporation	m³	**73.508**	19.427	5.585	0	0	0	0	240	48.256
Gearbox oil	**l**	**2.266.694**	**633.364**	**167.723**	**0**	**0**	**0**	**0**	**982.814**	**482.793**
Oil consumption	**l**	**653.559**	**139.014**	**124.850**	**131.950**	**0**	**0**	**0**	**123.418**	**134.327**
Hydraulic oil	l	**33.508**	7.012	7.040	7.440	0	0	0	1.854	10.162
Oil hardnesses	l	**51.158**	35.858	0	0	0	0	0	15.300	0
Cooling lubricant water mixable	l	**61.768**	13.794	6.305	7.505	0	0	0	12.629	21.535
Cooling lubricant not water-mixable	l	**507.125**	82.350	111.505	117.005	0	0	0	93.635	102.630
Coolant	**kg**	**123.235**	**17**	**0**	**0**	**0**	**0**	**0**	**123.036**	**182**
Methanol	**l**	**351.699**	**351.699**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Radioactive waste factor (electrical energy consumption	**g/kWh**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Radioactive waste (based on electrical energy consumption)	**kg**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Waste	**kg**	**13.490.431**	**3.135.472**	**1.398.460**	**276.226**	**0**	**208.764**	**8.654**	**3.222.624**	**5.240.231**
Reuse (non-hazardous waste)	kg	**850.137**	806.240	0	0	0	0	0	0	43.897
Recycling (non-hazardous waste - only metal production waste)	kg	**7.814.120**	1.370.689	889.017	101.971	0	34.660	0	1.602.010	3.815.773
Recycling (non-hazardous waste - only plastic production waste)	kg	**404.497**	71.307	0	0	0	0	0	40.220	292.970
Recycling (non-hazardous waste - other)	kg	**2.395.348**	354.436	50.021	41.489	0	133.550	4.991	723.270	1.087.591
Energy Recovery (non-hazardous waste)	kg	**593.086**	66.280	38.190	26.709	0	40.494	3.663	405.260	12.490
Equivalent to Landfill(non-hazardous waste)	kg	**41.390**	0	260	0	0	0	0	10.640	30.490
Reuse (hazardous waste)	kg	**308.370**	0	117.700	0	0	0	0	0	190.670
Recycling (hazardous waste)	kg	**1.281.534**	465.463	285.131	44.314	0	0	0	410.134	76.492
Energy Recovery (hazardous waste)	kg	**135.116**	0	17.880	653	0	60	0	22.840	93.683
Equivalent to Landfill(hazardous waste)	kg	**74.308**	1.057	261	61.090	0	0	0	8.250	3.650
Building rubble	**kg**	**11.592**	**6.530**	**0**	**0**	**0**	**0**	**0**	**0**	**5.062**
Non-hazardous waste (for recycling)*	kg	**10.342**	6.530	0	0	0	0	0	0	3.812
Hazardous waste (for recycling)**	kg	**1.250**	0	0	0	0	0	0	0	1.250
Non-hazardous waste (for disposal)*	kg	**0**	0	0	0	0	0	0	0	0
Hazardous waste (for recycling)**	kg	**0**	0	0	0	0	0	0	0	0

Reporting period 2022		General overview	Neuenstein[2]	Rosenberg	Untergruppenbach	St.Georgen[1]	Neuenstadt	Cologne [1]	Kechnec	Modugno[2]
Material usage			Site-based data is not meaningful due to the partly existing inter-works component manufacturing							
Iron	kg/ET	**23**								
Alu	kg/ET	**10**								
Total energy consumption	**kWh/ET**	**85**	**81**	**116**	**24**	**11**	**54**	**7**	**104**	**110**
Electrical energy	kWh/ET	**54**	65	112	15	6	38	4	78	48
Natural gas	kWh/ET	**28**	16	0	8	5	16	4	25	62
Heating oil	kWh/ET	**0**	0	0	0	0	0	0	0	0
District heating	kWh/ET	**0**	0	4	0	0	0	0	0	0
Diesel for transmission test bench	kWh/ET	**0**	0	0	0	0	0	0	0	0
Petrol for transmission test bench	kWh/ET	**0**	1	0	1	0	0	0	0	0
CO_2 (from energy consumption)	**$kgCO_2e$/ET**	**6,47**								
Electrical energy	$kgCO_2e$/ET	**0,00**	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Natural gas	$kgCO_2e$/ET	**5,79**	4,09	0,00	1,65	0,08	0,12	0,17	5,12	12,94
Heating oil	$kgCO_2e$/ET	**0,01**	0,00	0,05	0,00	0,00	0,00	0,00	0,00	0,00
District heating	$kgCO_2e$/ET	**0,00**	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Diesel for transmission test bench	$kgCO_2e$/ET	**0,01**	0,00	0,00	0,08	0,00	0,00	0,00	0,01	0,00
Petrol for transmission test bench	$kgCO_2e$/ET	**0,10**	0,27	0,00	0,32	0,00	0,00	0,00	0,03	0,00
Fuels for company vehicles	$kgCO_2e$/ET	**0,60**	Site-based data is not meaningful due to the partly existing inter-works data collection						0,00	0,00
GREENHOUS GAS EMISSIONS (inc. CO_2, CH_4, N_2O, HFC)	**$kgCO_2e$/ET**	**7,02**								
Water consumption	**m³/ET**	**0,10**	**0,07**	**0,07**	**0,03**	**0,01**	**0,04**	**0,01**	**0,10**	**0,17**
Waste water	**m³/ET**	**0,09**	**0,07**	**0,07**	**0,03**	**0,00**	**0,00**	**0,01**	**0,09**	**0,16**
Gearbox oil	**l/ET**	**1,00**	**1,27**	**0,93**	**0,00**	**0,00**	**0,00**	**0,00**	**2,47**	**0,71**
Oil consumption	**l/ET**	**0,29**	**0,28**	**0,69**	**0,35**	**0,00**	**0,00**	**0,00**	**0,31**	**0,20**
Coolant	**kg/ET**	**0,05**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,31**	**0,00**
Methanol	**l/ET**	**0,15**	**0,70**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**
Waste	**kg/ET**	**5,93**	**6,28**	**7,75**	**0,72**	**0,00**	**14,80**	**0,09**	**8,09**	**7,72**
Building rubble	**kg/ET**	**0,01**	**0,01**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,01**
Radioactive waste (based on electrical energy consumption)	**kg/ET**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**

[2] **Breakdown of energy consumed:** Taking into account the breakdown of the energy consumed see Footnote 2 on page 96 the key data for the electrical energy used is calculated per equivalence transmission. Neuenstein site 69 kWh/ET, Modugno site 72 kWh/ET.

Sector-specific environmental performance indicators and performance benchmarks

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.1 Proven practices for environmental management 3.1.1 Setting up a highly developed environmental management system across all company sites.	i1 Sites with a highly developed environmental management system (% of plant /operational processes)	All Magna PT B.V. & Co. KG, Magna PT S.p.A, Magna PT s.r.o. sites are certified to ISO 14001 and validated in accordance with EMAS.
	i2 Number of environmental performance indicators which are generally used within the entire organisation and/or reported on in the environmental declarations	The following environmental performance indicators are used in the company: energy consumption, waste, water, emissions. The environmental performance indicators are shown in detail in the environmental declaration. Apart from the indicators specified the auxiliary and operating materials are shown.
	i3 Use of internal or external guide values to promote environmental performance (Y/N)	Yes. Targets for environmental performance indicators are set across the concern and are checked for fulfilment at regular intervals.
	b1 A highly developed environmental management system has been introduced worldwide at all production plants	All Magna PT B.V. & Co. KG, Magna PT S.p.A, Magna PT s.r.o. sites are certified to ISO 14001 and validated in accordance with EMAS.
3.2 Proven practices for environmental management 3.2.1 Setting up a detailed energy monitoring and management system	i4 Number of systems with detailed energy monitoring systems (# or % of system/ operational processes)	Up to now, no detailed energy monitoring system has been set up on the equipment.
	i5 Number of systems with an ISO 50001-certified or EMAS-registered energy management system (# or % of systems/ operating processes)	All Magna PT B.V. & Co. KG, Magna PT S.p.A, Magna PT s.r.o. sites are certified to ISO 14001 and validated in accordance with EMAS.
	b2 Corresponding energy management systems were introduced at all sites	The energy roadmaps with energy targets and associated measures have been introduced on sites.
	b3 Detailed process-related monitoring was introduced at the site (site level)	

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.2 Proven practices for environmental management 3.2.1 Setting up a detailed energy monitoring and management system	b4 Energy management checks are carried out in the works, for example to switch off parts of the plant for locations with detailed monitoring if not running (site level)	The supply technology in the works is controlled via a central digital control system. The machines and systems are controlled via the energy saving lights.
3.2 Proven practices for environmental management 3.2.2 Improvement of the efficiency of energy-consuming processes	i6 Performance of regular checks of the system and the automation of repairs, maintenance and updates (% of sites)	System maintenance is regulated and documented by SAP. Regular checks are made by the site checking plan.
	i7 global energy consumption (kWh) per business unit	The data is shown in the overview of the environmental key data.
3.2 Proven practices for environmental management 3.2.3 Use of renewable and alternative energy	i8 Proportion of production sites with possibilities for the use of renewable energy sources (%)	The data is shown in the overview of the environmental key data.
	i9 Proportion of energy use in the company from renewable energy sources (%)	
	i10 Energy consumption from fossil fuels (MWh or TJ) per business unit	
	b5 All production plants are checked for possible renewable energy sources	
	b6 Energy use is reported stating the share of fossil fuel and non-fossil energy	
	b7 There is a policy which aims for greater use of renewable energy	Magna PT B.V. & Co. KG sustainability policy
3.2 Proven practices for environmental management 3.2.4 Optimisation of lighting in automotive factories	i11 Deployment of better-placed energy-efficient light sources (% of lit areas within a company, % of all companies)	The shed lighting has been converted to LED in the works. Further possibilities are also investigated and documented in energy projects. Minimum requirements of the workplace guideline are fulfilled.
	i12 Use of area-related strategies for lighting (% of lit areas within a company, % of all companies)	

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.2 Proven practices for environmental management 3.2.4 Optimisation of lighting in automotive factories	i13 Energy consumption of light fittings (KWh/year for one system)	The shed lighting has been converted to LED in the works. Further possibilities are also investigated and documented in energy projects. Minimum requirements of the workplace guideline are fulfilled.
	i14 Average efficiency of lights in the entire works (lm/W)	
	b8 The most energy-efficient lighting solutions adapted to the special requirements of the workplace are all used on all sites	Reduction of individual solutions for workplaces to more efficient integral solutions with minimal energy consumption
	b9 Area classification plans were introduced on all systems	Lighting in accordance with DIN requirements was installed
3.2 Proven practices for environmental management 3.2.5 Rational and efficient use of compressed air	i15 Electricity consumption of the compressed air system per volume unit at the place of use (kWh/m³ of compressed air supplied)	An intelligent control system for compressors is set up on sites.
	b10 The energy consumption of the compressed air system is less than 0.11 kWh/m³ compressed air produced for large systems and systems operating at an excess pressure of 6,5 bar, with a standardised volume flow at 1013 mbar and 20°C and pressure fluctuations which do not exceed 0.2 bar	An intelligent control system for compressors is set up on sites.
	b11 The network remains stable and the compressors (in standby mode) do not change to the load state after all air consumers have been switched off	An intelligent control system for compressors is set up on sites.
3.2 Proven practices for environmental management 3.2.6 Optimisation of electric motor use	i16 Proportion of electric motors with speed controllers (% the total installed power or the total number)	In case of first purchase: standard Part areas are being converted. Part of the energy roadmap
	i17 Proportion of pumps with speed controllers (% the total installed power or the total number)	The machine procurement process describes the requirements.
	i18 Average pump efficiency (%)	

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.3 Proven practices for waste management 3.3.1 Waste avoidance and waste management	i19 Waste production per operating unit (kg/operating unit)	The data is shown in the overview of the environmental key data.
	i20 Production of hazardous waste per operating unit (kg/operating unit)	
	i21 Waste which is guided into certain flows including recycling, energy recovery and disposal (kg/operating unit, % total waste)	
	i22 Formulation and implementation of an overall waste strategy with monitoring and improvement targets (Y/N)	Waste officers at the sites compile detailed site-specific waste reports.
	i23 Number of site with advances waste management plans (#)	
	i24 Number of site which do not send any waste to landfill (#)	
	b12 Waste management plans introduced at all sites	Separate collection quota in accordance with waste management legislation is fulfilled
	b13 No disposal of waste from all production and non-production activities/sites	Waste officers at the sites compile detailed site-specific waste reports.
3.4 Proven practices for water management 3.4.1 Water use strategy and water management	i25 Water use per operating unit (m^3/operating unit)	The data is shown in the overview of the environmental key data.
	i26 Sites which have carried out a water strategy check (% of systems/operational processes)	
	i27 Sites with water use monitoring (%)	
	i28 Sites with separate water monitoring for production processes and sanitary use (%)	

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.4 Proven practices for water management 3.4.1 Water use strategy and water management	b14 Introduction of a water strategy in accordance with a recognised instrument such as the CEO Water Mandate which integrates an assessment of water scarcity	The requirements of the CEO Water Mandate must be checked.
	b15 Water consumption in the company is measured per site and per process and with automated software as appropriate	Water consumption is measured per site.
3.4 Proven practices for water management 3.4.2 Possibilities for saving water in automotive factories	i25 Water use per operating unit (m^3/operating unit)	The data is shown in the overview of the environmental key data.
	i29 Proportion of operational processes at existing sites which have been retrofitted with water-saving sanitary facilities and processes (%)	Stop buttons are installed at the sites. Some works have waterless urinals
	i30 Proportion of new sites with water-saving equipment and processes (%)	Measures at sites: Installation of time-controlled/automated taps; reduction through increase in use of the central KSS supply
	b16 All new sites are equipped with water-saving sanitary facilities and the refrofitting of water-saving facilities is taking place in stages at all existing sites	Stop buttons are installed at the sites. Some works have waterless urinals.
3.4 Proven practices for water management 3.4.3 Water recycling and rainwater collection	i25 Water use per operating unit (m^3/operating unit)	The data is shown in the overview of the environmental key data.
	i31 Installation of a waste water recycling system (Y/N)	All system-specific waste water is treated by a waste water treatment plant to make it ready for discharge.
	i32 Installation of a rainwater recycling system (Y/N)	Partial rainwater use at sites.
	i33 Annual quantity of rainwater used and waste water reused (m^3/year)	The data is shown in the overview of the environmental key data.
	i34 Proportion of the total quantity of water use through recycled rainwater or waste water (%)	

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.4 Proven practices for water management 3.4.3 Water recycling and rainwater collection	b17 Water recycling in the "closed circuit" is implemented as far as possible with a recovery rate of at least 90%	The data is shown in the overview of the environmental key data.
	b18 30% of the water requirement is covered with collected water (in regions with sufficient rainfall)	Needs to be assessed
3.4 Proven practices for water management 3.4.4 Green roofs for storm water management	i35 Proportion of sites which are suitable for green roofs and at which green roofs are installed (%)	Needs to be assessed
	i36 Water storage capacity of the green roof: proportion of water retention (%), water run-off (m^3)	
	i37 Cooling effect: reduction of energy requirement of HLK systems (MJ)	
	i38 Qualitative indicators of biodiversity (e.g. number of species which live on the roof) depending on local conditions	
3.5 Proven practices for protecting biodiversity 3.5.1 Check and strategy when managing ecosystems and biodiversity along the value creation chain	i39 Use of approaches procedures to assess ecosystem functions for the value creation chain (Y/N or % coverage)	Optimisation and maintenance of green areas to maintain diversity of species
	i40 Coverage of relevant area determined through setting priorities (Y/N or % coverage)	
	b19 A high-level ecosystem check is made along the value creation chain followed by a detailed ecosystem check in identified high-risk areas	

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.5 Proven practices for protecting biodiversity 3.5.1 Check and strategy when managing ecosystems and biodiversity along the value creation chain	b20 Strategies are developed in collaboration with local stakeholders and external experts to minimise problems in the prioritised sections of the supply chain identified	Optimisation and maintenance of green areas to maintain diversity of species
3.5 Proven practices for protecting biodiversity 3.5.2 Management of biological diversity at site level	i41 Number of co-operation projects with stakeholders to address problems with biological diversity (#)	Nesting boxes/aviaries, wild flower meadows, beehives, insect hotels, perching sites for wild birds
	i42 Procedures/tools are available to analyse feedback from customers, stakeholders and suppliers in relation to biodiversity (Y/N)	Yes, stakeholder analysis
	i43 Inventory of land parcels and spaces which the company owns, rents or manages in or near protection areas or areas with a high biodiversity value (m^2)	The data is shown in the overview of the environmental key data.
	i44 Plan for biodiversity-friendly horticulture on spaces which the company owns, rents or manages (Y/N)	Meadows have been mown less often since 2019, wild flower meadows, bee project, insect hotel, …
	i45 Index for biodiversity (design according to local conditions)	Not available
	b21 There is a comprehensive biodiversity plan for systematic inclusion of biodiversity aspects through measurement, monitoring and reporting	Not available
3.5 Proven practices for protecting biodiversity 3.5.2 Management of biological diversity at site level	b22 Collaboration with experts and local stakeholders is guaranteed	A stakeholder analysis is done regularly at all sites. Communication with stakeholders has taken place.

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.6 Proven practices for the management of the value creation chain and design 3.6.1 Promotion of environmental improvements along the supply chain	i46 Proportion of top-ranking suppliers (by number or by purchasing budget/value) which fulfil the required standards according to internal or external audits (%)	Over 90%
	I47 Self-assessment questionnaires which are sent to direct high-risk suppliers (Y/N)	Yes, SUPPLIER**ASSURANCE** questionnaire
	i48 Education and training of direct suppliers (Y/N)	Yes
	b23 All important suppliers must have an environmental management system to qualify for purchasing agreements	Environmental management requirements are defined in the purchasing agreements.
	b24 Environmental criteria are defined for purchasing agreements across all environmental impact areas	The environmental criteria are defined in purchasing agreements.
	b25 All direct suppliers receive self-assessment questionnaires and high-risk suppliers are audited by customers or third parties	The self-assessment questionnaires were communicated to all suppliers.
	b26 Support and training are provided for direct suppliers	Drive Sustainability offers training, we aim at attendance at sustainability training.
	b27 Enforcement procedures have been defined in case of rule violations	Is regulated in the contracts.
3.6 Proven practices for the management of the value creation chain and design 3.6.2 Work with suppliers and customers to reduce packaging	i20 Waste production per operating unit (kg/operating unit)	The data is shown in the overview of the environmental key data.
	i19 Packaging waste production per operating unit (kg/operating unit)	
	i50 Packaging waste production per operating unit or rating group (kg/operating unit, kg/rating group)	Not recorded

Proven environmental management - practical section	Environmental performance indicators and performance benchmarks	Status in the company
3.6 Proven practices for the management of the value creation chain and design 3.6.3 Design for sustainability through the use of lifecycle analyses (LCA)	i51 Performance of lifecycle analyses of the most important product lines to support design and development decisions (Y/N)	Is described in the sustainability report.
	i52 Improvement of environmental indicators (CO_2, energy consumption, environmental pollution etc.) for new models in the main production lines compared to preceding models (%)	
	i53 Performance of comparisons between different types of mobility concepts (Y/N)	
	b28 The lifecycle analysis is carried out in accordance with ISO 14040:2006 or equivalent for the main production	Software has been purchased to carry out a lifecycle analysis.
	b29 Targets have been defined to continuously improve vehicle concepts with regard to their environmental impact	Is described in the sustainability report.
3.7 Proven practices for refurbishment 3.7.1 General proven practices for the refurbishment of components	i54 Degree of refurbishment (weight per component (%))	
	i55 Total degree of refurbishment (% of components recovered)	

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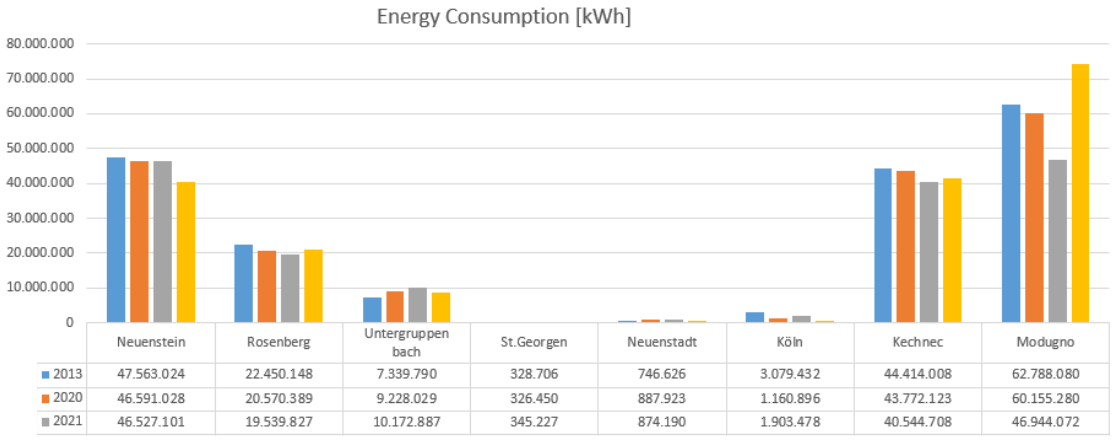
Overview: Energy, CO_2, water consumption and waste accumulation

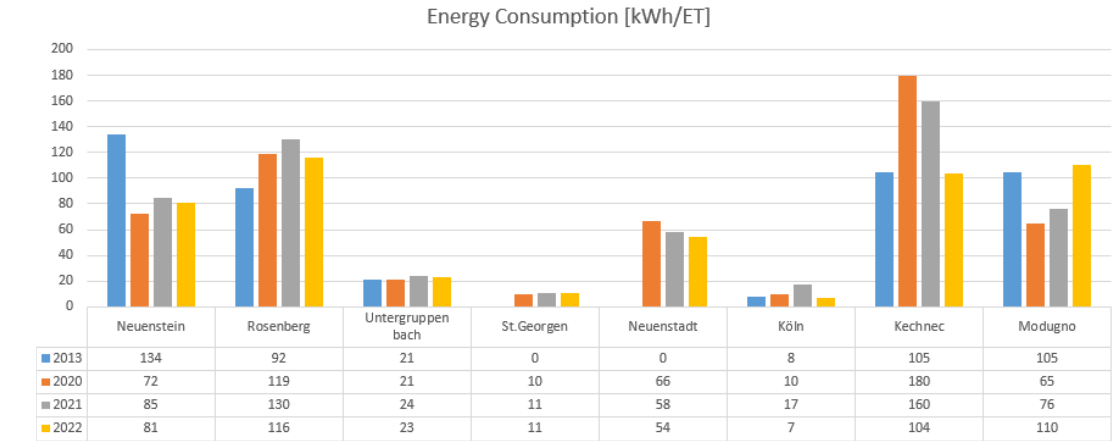
We at Magna undertake to handle natural resources consciously and to reduce environmentally polluting emissions and the accumulation of waste. Nevertheless, the manufacture of Magna products requires an enormous amount of raw materials, energy, water and space and simultaneously causes waste products in addition to unwanted emissions. Awareness of our own consumption data is therefore of great significance in order to be able to assess and thus control the development of the data. The graph below shows developments in the last three years.

The Bad Windsheim and Bordeaux sites are not included in the overview of environmental indicators as they are not relevant for the EMAS validation. The CO_2 emissions of the Bad Windsheim and Bordeaux sites were included for the compensation project.

In the management's strategy booklet for Magna Powertrain EMAS sites it was agreed that energy and water consumption and the quantity of waste produced was to be reduced by 2% respectively based on the equivalence transmission (based on 2013). Achieving this target is supported by the maintenance of roadmaps in the areas of energy, water and waste. Individual activities and measures to achieve the target are described in the respective chapters on sites.



	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	47.563.024	22.450.148	7.339.790	328.706	746.626	3.079.432	44.414.008	62.788.080
2020	46.591.028	20.570.389	9.228.029	326.450	887.923	1.160.896	43.772.123	60.155.280
2021	46.527.101	19.539.827	10.172.887	345.227	874.190	1.903.478	40.544.708	46.944.072

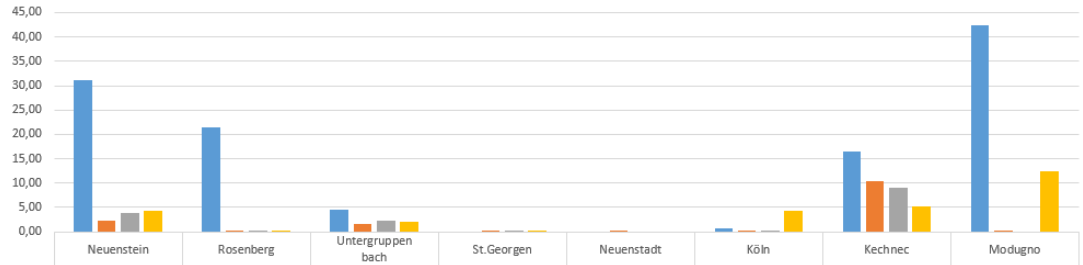


	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	134	92	21	0	0	8	105	105
2020	72	119	21	10	66	10	180	65
2021	85	130	24	11	58	17	160	76
2022	81	116	23	11	54	7	104	110

CO_2 (from Energy Consumption)[t]

	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	10.898	5.059	1.636	75	212	223	6.993	25.511
2020	982	29	739	82	56	103	2.526	0
2021	1.639	115	940	42	58	208	2.316	0
2022	1.666	17	782	31	45	66	2.053	8.788

CO_2 (from Energy Consumption) [t/ET]

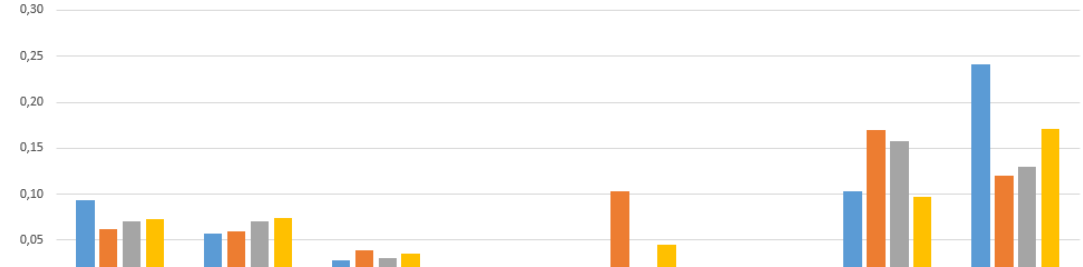


	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	31,23	21,45	4,53	0,00	0,00	0,60	16,51	42,47
2020	2,23	0,06	1,68	0,19	0,13	0,23	10,43	0,13
2021	3,88	0,27	2,23	0,10	0,00	0,14	9,12	0,00
2022	4,36	0,05	2,05	0,08	0,00	4,36	5,18	12,51

Water Consumption [m³]

	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	32.561	13.423	10.282	330	672	3.609	43.692	145.145
2020	39.865	10.278	16.900	242	1.375	1.494	41.460	114.508
2021	39.329	10.519	11.813	282	0	1.183	40.080	79.482
2022	36.380	13.300	13.315	397	628	793	38.809	115.734

Water Consumption [m³/ET]



	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	0,09	0,06	0,03	0,00	0,00	0,01	0,10	0,24
2020	0,06	0,06	0,04	0,01	0,10	0,01	0,17	0,12
2021	0,07	0,07	0,03	0,01	0,00	0,01	0,16	0,13
2022	0,07	0,07	0,03	0,01	0,04	0,01	0,10	0,17

	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	1.885.090	1.963.770	249.019	0		41.104	9.066.600	10.179.540
2020	3.090.644	1.144.410	247.199	0	378.559	36.134	3.206.395	8.425.926
2021	2.650.078	1.057.893	278.006	0	0	48.644	2.616.064	5.579.896
2022	3.135.472	1.398.460	276.226	0	208.764	8.654	3.222.624	5.240.231

	Neuenstein	Rosenberg	Untergruppenbach	St.Georgen	Neuenstadt	Köln	Kechnec	Modugno
2013	5,40	8,33	0,69			0,11	21,41	16,95
2020	4,80	6,59	0,56	0,00	28,24	0,31	13,17	9,13
2021	4,84	7,03	0,66	0,00	0,00	0,44	10,30	9,09
2022	6,30	7,75	0,72	0,00	14,80	0,09	8,09	7,72

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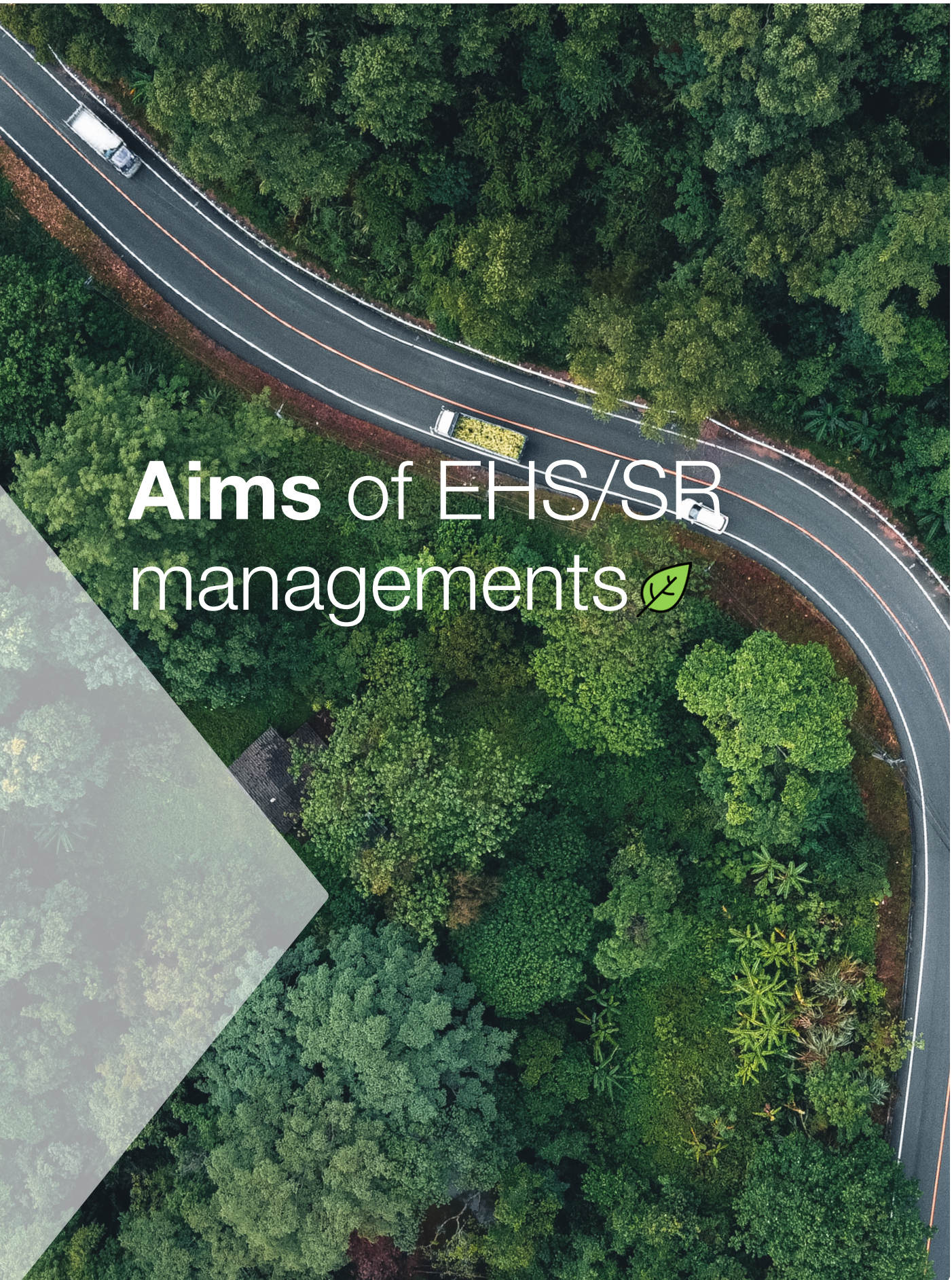

Aims of EHS/SR managements

Targets 2023

Site	Target	Individual target	Measure	Target date
Untergruppenbach	Magna Powertrain top priority for 2019: Market leadership and expansion of market share: 30% of business is to be hybrid/ electrification products by 2023	Preliminary development of new hybrid and electric drive transmissions. - Avoidance of functional redundancy - Increasing efficiency (CO_2 reduction) through less complexity and lower weight, use of optimum operating points of the drive systems deployed - Creation of the optimum for the requirements with regard to purely electric driving, the necessary battery size and the range	formulation/Procurement and testing of a new DHD transmission architecture with traction electric machine - Series development and production of a 48V mild hybrid transmission family with integrated electric machine - Target date for start of production (SOP) was 2022. Remarks DHD = Dedicated Hybrid Drive German: Dediziertes Hybrid-Getriebe A DHD drive only works with the electric machine. The electric machine as a drive unit is at least equivalent to the combustion engine. This means that mechanical elements such as the reverse gear, gear steps, friction elements and starting clutch can be dispensed with.	31.12.2023
	Renewable energy	Creation of renewable energy through photovoltaic system	Construction of a photovoltaic system on the roof of the main building with approx. 600 kWp	31.12.2023
	Sustainability in the supply chain	Preparation of ASI certification according to chain of custody	ASI chain of custody – certifying a site	30.06.2024
St. Georgen	Saving energy	Approximately 5,000 kWh could potentially be saved if the fluorescent tubes still in use are replaced with LED lights.	Conversion of fluorescent tubes still in use with LED lighting	31.12.2023
	E-mobility	Actively help shape the transformation to e-mobility	Setting up of a team to use e-drive software.	31.12.2023
	E-mobility	Development of new mobility concepts	Support from the skateboard project site (Magna International)	31.12.2023
	Reduction of electrical energy	Use of low-energy table lamps in order to be able to save ceiling light	Procure sufficient table lamps	30.06.2023

Site	Target	Individual target	Measure	Target date
St. Georgen	Reduction in heat energy	Efficient use of space to reduce the heating in unused rooms.	Distribute staff from the second floor of Building 1 amongst rooms on other floors and reduce heating on 2nd floor	30.03.2023
	Reduction of vehicle exhaust fumes at the entrance to the staff car park	Automatic opening of the roller shutter and switching on of the light	Installation of a device to open the roller shutter with the blue chip	30.06.2023
	Attract girls and women to STEM professions (SDG 5)		Be more frequently present at trade exhibitions with own stall	30.06.2023
	Promote health of employees through more exercise (SDG 3)		Set up a fitness room at the St. Georgen site.	30.06.2023
	SR target: 03.2023 Promote the well-bring of employees at their workplace (SDG 3)	Improvement of room climate	Purchase plants for foyer and offices	30.06.2023
	Promoting the sustainability of municipalities and cities (SDG 11)	Support for the municipality	Promote the cleaning of the monastery pond in St. Georgen	30.06.2023
	Promoting the sustainability of municipalities and cities (SDG 11)	Supporting pupils	Sponsor pupils' participation in the Black Forest Bike Marathon	30.06.2023
Neuenstadt a. K.	Protecting ground water	Support water protection (protection area)	Improvement of emergencies concept: training of fire protection helpers with regard to minimising ingression of firefighting water if sprinkler is triggered without a fire (e.g. due to mechanical damage)	30.06.2023
Neuenstein	Resource conservation	Plastic recycling	Recycling of PP and PET plastic blisters from assembly. The packaging (approx. 40 tonnes) is recycled.	31.03.2023
	Less environmental impact	Tree-planting campaign - biodiversity	Planting trees regionally or supra-regionally	31.12.2023
	Less environmental impact	Providing shade for the IT container by planting	Use of plants to provide shade for the IT container next to Building 5	31.05.2023

Site	Target	Individual target	Measure	Target date
Neuenstein	Produce own green electricity	Installation of a photovoltaic system with approximately 200 kWp capacity	Conclude concept and tendering phase for photovoltaic system	31.12.2023
	Reduction of environmental impact	Formulation of a concept for using heat pumps	Compilation of a concept of deployment areas for heat pumps in building technology	31.12.2023
Rosenberg	Reduce electricity consumption	Lower ratio of peak load to basic load by at least 1%	Use of weekend operation/ energy-saving operation of GWK cooling systems by introducing an interface to the operating data of the hardening oven and thus controlling it based on need	30.09.2023
	Reduce electricity consumption	Reduce electricity consumption for lighting	Further expansion of LED lighting in outdoor areas to save electricity	31.12.2023
	Balance electricity consumption	The target is to introduce a building control system in order to be able to better balance electricity consumption	All central systems such as the Faudi oil supply or compressed air compressors are integrated into the building control system	31.12.2023
	Reducing water consumption	Reduce water consumption of GWK cooling systems	Use of energy-saving mode of GWL cooling systems in an idling state	30.06.2023
	Retirement home	Social week in the retirement home for our trainees	At least three trainees are to spend a social week in a retirement home to support the retirement home on the one hand and to increase their own personal social competence on the other.	31.12.2023

Site	Target	Individual target	Measure	Target date
Rosenberg	Used goods	Used articles are auctioned to be able to support social projects with the proceeds Conserve resources byreusing Disposal costs are saved	In order to underline the principle of sustainability lived within the company, items which are no longer needed such as workbenches are to be auctioned at at least one event in 2023 to save natural resources through reuse. Social projects are to be supported with the proceeds of the auction to reinforce the idea of social responsibility which is also lived within the company. The costs of disposal are saved as disposal is no longer necessary.	31.12.2023
Cologne	Saving energy	Reducing refrigerator requirements	Reduce the number of refrigerators (6 → 3) and thus save power.	31.12.2023
	Saving energy	Reducing heating, cooling and light requirements	Start shared desk project and this clear Unit 1-C. Less cooling/ heating and lighting necessary.	31.12.2023
	Social project	Donations in kind	Christmas package donations in kind campaign by TIC employees for national or international children or facilities.	31.12.2023

Site	Target	Individual target	Measure	Target date
Cologne	Magna Powertrain top priority 2019: 30 % of total business must be covered by hybrid and electrification products by 2023	Further development of the Magna operating strategy (MOS) according to the development plan. Target by the end of 2023: to develop the first version (MOS 1.0) generically, i.e. by achieving an adequate maturity for a customer adaptation. Furthermore, start of the second version (MOS 2.0) with extended functionality.	Provision of the necessary competence and resources to reach the target. Implementation of the project milestones according to plan.	31.12.2023
	Magna Powertrain top priority 2019: 30 % of total business must be covered by hybrid and electrification products by 2023	Support of acquisition activities for electric and hybrid drives.	Provision of the necessary competences and resources for the successful acquisition of a customer project.	31.12.2023
	Saving energy	Reducing the energy requirement for light	Continuous replacement of lamps with energy-saving lighting.	31.12.2023
Modugno	Green energy	Photovoltaic	Installation of photovoltaic system on the roofs and on the car parks. Installed capacity 4 MWp	01.06.2023
	Noise reduction (HS)	Reduction of noise pollution in the machine area	Feasibility study	01.12.2023
Kechnec	Reduction of waste water	Reduction of waste water – use of purified water in processes	Installation of an internal waste water treatment plant	31.12.2023
	Natural gas/CO_2 reduction	Reduction in natural gas consumption/CO_2 reduction	Installation of a heat pump - estimated saving of 490 t CO_2/year, no use of natural gas for heating	31.03.2023
	Social responsibility	International peace marathon in Košice	Support for the international peace marathon in Košice through free participation for employees/ sponsorship.	31.10.2023
	Social responsibility	Support for local projects	Support for local projects with a donation of € 35,000 for a regional foundation	31.10.2023

Goals realised

Site	Target	Individual target	Measure	Target date	Status as of 31st December 2022
Untergruppenbach	Magna Powertrain top priority for 2019: Market leadership and expansion of market share: 30% of business is to be hybrid/electrification products by 2023	Operation of as many drive architectures as possible through the use of building blocks (standardisation of function units)	Adaptation of the organisational structure and bundling of competences for the development and deployment of building blocks in the development of future products	31.12.2023	Implemented on 31st December 2022
	Less environmental impact	Tree-planting campaign	Planting trees regionally or supra-regionally	31.12.2022	Implemented on 7th November 2022
		Primary data collection for LCAs	Questioning of selected aluminium suppliers with LCA data collection sheet	30.06.2022	Implemented on 16th December 2022
St. Georgen	-	-	-	-	-
Neuenstadt a. K.	-	-	-	-	-
Neuenstein	Saving energy	Saving energy	Energy saving of approximately 41,500 kWh through the installation of LED lighting in shed 2H	30.09.2022	Implemented on 30th June 2022
	Resource conservation	Conversion of cooling lubricant to Rhenus TS 440	Improvement of long-term stability Saving of approximately 5000 kg cooling lubricant Improvement of health protection	31.12.2022	Implemented on 23rd June 2022
	Environment	Planting trees in the vicinity of the retention basin	Improve the diversity and variety of the different organisms in our ecosystem on the works site.	30.10.2022	Implemented on 31st January 2022
	Reduction of environmental impact	Planning step 3 of canal renovation below the hall areas	Planning of canal renovation works sewage system in accordance with the self-checking regulation (BaWü)	30.11.2022	Implemented on 30th November 2022

Site	Target	Individual target	Measure	Target date	Status as of 31st December 2022
Rosenberg	ASI certification	Guarantee sustainability in handling aluminium (larger CO_2 driver for transmissions, see LCA)	Aim for ASI certification and carry out measures for higher recycling quotas (e.g. Consistently separate steel-aluminium shavings)	31.12.2022	Implemented on 29th September 2022
	Resource conservation	Reschedule processing oil at selected grinding machines	Reduction of oil diversity by Rhenus GPS9. Simplification of storage.	31.12.2022	Implemented on 8th July 2022
Cologne	Less environmental impact	Save shuttle traffic by availability of own workshop and lockable garages in and at the TIC/office building. Saving energy in the workshop.	Renting of workshop and garages exclusively for Magna. All work can this be carried out on test vehicles on-site. Use of the workshop on demand, thus lower energy consumption	1st January 2022 (rental) 31st December 2022 (use of workshop)	Implemented on 31st May 2022
	Saving energy	Reducing office space by one unit (approx. 400 m^2) and consequent saving of energy.	New rental of office space and relocation of employees.	01.02.2022	Implemented on 31st May 2022
Modugno	Renewable energy	Fit further photovoltaic system	Feasibility study for a further installation	30.06.2022	Implemented on 30th June 2022
	Reducing energy consumption	Installation of a combined heat and power (CHP) station and savings of 1,200 mWh (heat energy recovery)	Following the project time schedule	28.02.2022	Implemented on 1st March 2023
Kechnec	CO_2 reduction	Reducing the CO_2emissions of company vehicles	Purchase of hybrid or electric vehicles	31.12.2022	Implemented on 6th January 2022
		Reducing the CO_2emissions of company vehicles	Update company car policy - hybrid or electric vehicles only	31.12.2022	Implemented on 30th April 2022
	Reducing energy consumption	Reducing electricity consumption by 45 MWh per year	Conversion of outdoor lighting to LED	31.10.2022	Implemented on 31st October 2022
	Biodiversity	Promoting biodiversity	Supporting tree-planting and the planting of 40 trees	31.12.2022	Implemented on 15th May 2022

Goals not realised

Site	Target	Individual target	Measure	New target date	Status as of 31st December 2022
Untergruppenbach	Reduction of CO_2emissions	Scope 3 Achieve climate neutrality	Formulation of a concept	31.12.2023	Status: concept proposal as part of the transformation concept (see target of achieving climate neutrality).
	Ecosocial product	Integration of further impact models into the LCA	Master's thesis - formulation of a concept to integrate further impact models	30.06.2023	Status: Master's thesis rescheduled due to external circumstances, new target date 30th June 2023
	Achieving climate neutrality	Performance of an analysis of the transformation strategy	Formulation of a concept for the Untergruppenbach site's energy supply to achieve climate neutrality	30.06.2023	Status: the formulation of the concept was only started in Q3 of 2022 due to a delayed start; its conclusion is postpone until Q2 of 2023.
	Sustainability in the supply chain	Carry out RSCI audits	Performance of 2 RSCI audits	31.12.2023	Status: As of 31st December 2022 only one pilot audit has been carried out; the second is planned in 2023.
St. Georgen	-	-	-	-	-
Neuenstadt a. K.	Reducing resources	Examine replacing conventional fluorescent tubes to LED lighting in the shed	Performance audit of converting the shed lighting	31.12.2024	The conversion of the shed lighting by the landlord will commence from 2023.
Neuenstein	-	-	-	-	-
Rosenberg	Produce own green electricity	Installation of a photovoltaic system with approximately 300 kWp capacity	Conclude concept and tendering phase for photovoltaic system	31.12.2023	See site description

Site	Target	Individual target	Measure	New target date	Status as of 31st December 2022
Rosenberg	Reduction of environmental impacts + saving of energy	Use of R290 (propane) as coolant to replace greenhouse gases (R134a, R407c). In the course of replacing cooling units approximately 800,000 kWh of electricity per year should be saved due to the higher efficiency of the new machine.	Installation of a new cooling unit to replace two old cooling units and to refurbish the required network. In the course of this, the environmentally friendly and energy-conserving coolant propane (R290) can be used and the energy-intensive and environmentally harmful R134a and R407c greenhouse gases replaced.	31.03.2023	Implementation has started; the cooling unit is installed but the piping and putting into service are still outstanding.
Köln	Magna Powertrain - top priority 2019: 30 % of total business must be covered by hybrid and electrification products by 2023	Support for hybridisation of transmissions with high-voltage components.	Support for the development of high-voltage inverters and electric machines and their integration. Software adaptation to drive high-voltage architectures.	31.12.2023	still ongoing. Concentration in Cologne on the development of a Magna operating strategy (MOS) for electrified vehicles. The MOS is a generic platform for future drive architectures with a focus on battery-operated vehicles on different platforms such as BEV - HEV - PHEV. Functions which are supported: vehicle longitudinal/ lateral dynamics, energy management, charging management. Continued support for the acquisition of various customers for electric and hybrid drives.

Site	Target	Individual target	Measure	New target date	Status as of 31st December 2022
Köln	Less environmental impact	Setting up of a test track on the car park at the TIC. This means that no journeys to external test tracks are necessary.	Planning and approval of a test track on the car park.	31.12.2023	Measure not yet implemented as it was possible to use the car park without modifications. Due to the low occupancy of the building and the car parks it was possible to provide the necessary space for vehicle tests available with simple barriers. Possible solutions will pursued further in 2023.
Modugno	Collecting rainwater	Contribution to the heat and power unit's water requirement with 40,000 m^3 of rainwater per year	Installation of a water reservoir to collect rainwater	30.06.2023	Completed work to be realised by supplier
	Rainwater use	Collect rainwater and feed it into the new water reservoir	Installation of pumps and pipes	30.06.2023	Project is approved but implementation has been postponed to 2023
	Waste reduction	Weight reduction of two transmissions (230,000 kg per year)	Reduction in components	30.06.2023	Change approval process not yet complete
	Grinding sludge	Oil separation and 50% reduction in weight of waste	Feasibility and engineering study (biological treatment)	01.12.2023	Study not yet complete; it will be continued in 2023 with the support of the University of Bari
Kechnec	Reducing energy consumption	Production of approximately 473 mWh of green electricity per year	Installation of photovoltaic system (500 kWp)	31.12.2022	Implementation of the project was extended as a state subsidy was requested
	CO_2 reduction	Reduction of the car pool's CO_2 emissions	Construction of a charging station	28.02.2022	Material not available, long delivery period

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Binding obligations

Legal obligations at all German sites which result amongst other things from environmentally relevant regulations have been determined by a law firm's software since 1999.

Our site in Kechnec receives current information on comprehensive environmental regulations and online support with queries from the fee-based Enviroportal Internet tool. The site operates its own register of legal provisions with this information.

The Modugno site has its own procedure for identifying, analysing and implementing legal and regulatory requirements. According to this procedure there is a list of valid requirements.

The relevant employees are informed of their obligations.

Regular checks are made by individual persons, internal EHS8SR audits and by Magna compliance audits.

No deviations in environmentally relevant regulations were found.

Other requirements (including approvals, customer requirements, etc.) are also recorded and checked regularly for compliance.

Main environmentally relevant legislation

Waste legislation:

- **Zákon č. 79/2015 Z.z.** o odpadoch a o zmene a doplnení niektorých zákonov v znení zákona č. 91/2016 Z.z., zákona č. 313/2016 Z.z., zákona č. 90/2017 Z.z., zákona č. 292/2017 Z.z., zákona č. 106/2018 Z.z., zákona č. 177/2018 Z.z., zákona č. 208/2018 Z.z., zákona č. 312/2018 Z.z., zákona č. 302/2019 Z. z., zákona č. 364/2019 Z. z., zákona č. 460/2019 Z z., zákona č. 74/2020 Z. z., zákona č. 218/2020 Z. z., zákona č. 218/2020 Z. z. a zákona č. 285/2020 Z. z. 460/2019 Z. z., 128/2021 Z. z., 216/2021 Z. z., 372/2021 Z. z., 430/2021 Z. z., 292/2017 Z. z., 302/2019 Z. z.
- **Zákon č. 127/2006 Z.z.** o perzistentných organických látkach a o zmene a doplnení zákona č. 223/2001 Z.z. o odpadoch a o zmene a doplnení niektorých zákonov v znení neskorších predpisov v znení zákona č. 515/2008 Z.z.
- **Zákon č. 346/2013 Z.z.** o obmedzení používania určitých nebezpečných látok v elektrických zariadeniach a elektronických zariadeniach a ktorým sa mení zákon č. 223/2001 Z.z. o odpadoch a o zmene a doplnení niektorých zákonov v znení neskorších predpisov v znení zákona č. 314/2016 Z.z. a zákona č. 145/2019 Z.z., 259/2021 Z. z.
- **Zákon č. 329/2018 Z.z.** o poplatkoch za uloženie odpadov a o zmene a doplnení zákona č. 587/2004 Z.z. o Environmentálnom fonde a o zmene a doplnení niektorých zákonov v znení neskorších predpisov v znení zákona č. 111/2019 Z.z., 67/2021 Z. z.
- **Zákon č. 302/2019 Z. z.** o zálohovaní jednorazových obalov na nápoje a o zmene a doplnení niektorých zákonov v znení zákona č. 74/2020 Z. z. a zákona č. 285/2020 Z. z.
- **Nariadenie vlády Slovenskej republiky č. 153/2004 Z.z.,** ktorým sa ustanovujú záväzné limity a termíny pre rozsah opätovného použitia častí starých vozidiel, zhodnocovania odpadov zo spracovania starých vozidiel a ich recyklácie

- **Nariadenie vlády Slovenskej republiky č. 388/2005 Z.z.,** ktorým sa ustanovujú limity pre zhodnotenie elektroodpadu a pre opätovné použitie a recykláciu kompo-nentov, materiálov a látok v znení nariadenia vlády SR č. 206/2010 Z.z., 206/2010 Z. z.
- **Nariadenie vlády Slovenskej republiky č. 330/2018 Z.z.** ktorým sa ustanovuje výška sadzieb poplatkov za uloženie odpadov a podrobnosti súvisiace s prerozdeľovaním príjmov z poplatkov za uloženie odpadov v znení nariadenia vlády SR č. 33/2020 Z. z. v znení nariadenia vlády SR č. 33/2020 Z. z., 212/2022 Z. z.
- **Vyhláška Ministerstvo životného prostredia Slovenskej republiky č. 465/2013 Z.z.** o technických požiadavkách na elektrické zariadenia a elektronické zariadenia v znení vyhlášky č. 196/2014 Z.z., vyhlášky č. 346/2014 Z.z., vyhlášky č. 71/2016 Z.z., vyhlášky č. 329/2016 Z.z., vyhlášky č. 317/2017 Z.z., vyhlášky č. 199/2018 Z.z., vyhlášky č. 104/2019 Z.z., vyhlášky č. 203/2019 Z.z., vyhlášky č. 88/2020 Z. z. a vyhlášky 232/2020 Z. z., 193/2022 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 365/2015 Z. z,** ktorou sa ustanovuje Katalóg odpadov v znení vyhlášky č. 320/2017 Z.z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 366/2015 Z. z** o evidenčnej povinnosti a ohlasovacej povinnosti v znení vyhlášky č. 246/2017 Z.z., vyhlášky č. 321/2017 Z.z. a vyhlášky č. 378/2018 Z.z., 317/2020 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 371/2015,** ktorou sa vykonávajú niektoré ustanovenia zákona o odpadoch v znení vyhlášky č. 322/2017 Z.z. a vyhlášky č. 379/2018 Z.z., 194/2022 Z. z.
- **Ministerstva životného prostredia Slovenskej republiky č. 382/2018 Z.z.** o skládkovaní odpadov a uskladnení odpadovej ortuti/Poznámka: Redakčné oznámenie č. 20 o oprave chyby vo vyhláške – zo 17.1.2019, 26/2021 Z. z.
- **Vyhláška č. 373/2015** o rozšírenej zodpovednosti výrobcov vyhradených výrob-kov a o nakladaní s vyhradenými prúdmi odpadov v znení vyhlášky č. 14/2017 Z.z. , vyhlášky č. 324/2017 Z.z. a vyhlášky č. 186/2018 Z.z., vyhlášky č. 380/2018 Z.z. a vyhlášky č. 266/2020 Z. z., 192/2022 Z. z.
- **Oznámenie Ministerstva zahraničných vecí SR č. 60/1995 Z.z.** o pristúpení Slovenskej republiky k Bazilejskému dohovoru o riadení pohybov nebezpečných odpadov cez hranice štátov a ich zneškodňovaní.
- **Oznámenie Ministerstva zahraničných vecí SR č. 593/2004 Z.z.** o uzavretí Štokholmského dohovoru o perzistentných organických látkach, 187/2013 Z. z.
- **Oznámenie Ministerstva životného prostredia SR č. 368/2015 Z.z.** o vydaní výnosu z 9. septembra 2015 č. 1/2015 o jednotných metódach analytickej kontroly odpadov.
- **Oznámenie Ministerstva životného prostredia SR č. 222/2020 Z. z.** o vydaní opatrenia z 29. júla 2020 č. 1/2020 o metodike analýzy zmesového odpadu
- **Richtlinie 2000/53/EG** des Europäischen Parlaments und des Rates vom 18. September 2000 über Altfahrzeuge - Altfahrzeuge-Richtlinie
- **Kreislaufwirtschaftsgesetz – KrWG** - Gesetz zur Förderung der Kreislaufwirtschaft und Sicherung der umweltverträglichen Bewirtschaftung von Abfällen
- **Abfallverzeichnis-Verordnung – AVV** - Verordnung über das Europäische Abfallverzeichnis
- **Dlgs. 152/2006** Decreto legislativo 3 aprile 2006, n. 152 Norme in materia ambien-tale

Soil protection legislation:

- **Zákon č. 220/2004 Z. z.** o o ochrane a využívaní poľnohospodárskej pôdy a o zmene zákona č. 245/2003 Z. z. o integrovanej prevencii a kontrole znečisťovania životného prostredia a o zmene a doplnení niektorých zákonov, 310/2021 Z. z.
- **Bundes-Bodenschutz- und Altlastenverordnung – BbodSchV**
- **Dlgs. 152/2006** Decreto legislativo 3 aprile 2006, n. 152 Norme in materia ambientale

Chemicals legislation:

- **Zákon č. 67/2010 Z. z.** o podmienkach uvedenia chemických látok a chemických zmesí na trh a o zmene a doplnení niektorých zákonov (chemický zákon)
- **Regulation (EC) No 1907/2006 (REACH)**
- **Verordnung - EG - Nr. 1907/2006** des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe - REACH -, zur Schaffung einer Europäischen Chemikalienagentur, zur Änderung der Richtlinie 1999/45/EG und zur Aufhebung der Verordnung - EWG - Nr. 793/93 des Rates, der Verordnung - EG - Nr. 1488/94 der Kommission, der Richtlinie 76/769/EWG des Rates sowie der Richtlinien 91/155/EWG, 93/67/EWG, 93/105/EG und 2000/21/EG der Kommission
- **Verordnung - EG - Nr. 1272/2008** des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen, zur Änderung und Aufhebung der Richtlinien 67/548/EWG und 1999/45/EG und zur Änderung der Verordnung - EG - Nr. 1907/2006 - CLP-Verordnung - CLP - GHS-Verordnung – GHS
- **Dlgs. 152/2006** Decreto legislativo 3 aprile 2006, n. 152 Norme in materia ambientale

Energy legislation:

- **Zákon č. 309/2009 Z.z.** o podpore obnoviteľných zdrojov energie a vysoko účinnej kombinovanej výroby a o zmene a doplnení niektorých zákonov v znení neskorších predpisov /Poznámka: Ustanovené sú aj kompetencie pre MŽP SR., 363/2022 Z. z.
- **Zákon č. 321/2014 Z. z.** o energetickej efektívnosti a o zmene a doplnení niektorých zákonov, 419/2020 Z. z.,
- **VYHLÁŠKA č. 179/2015 Z. z.** Ministerstva hospodárstva Slovenskej republiky č. o energetickom audite
- **Energieeinsparverordnung – EnEV** - Verordnung über energiesparenden Wärmeschutz und energiesparende Anlagentechnik bei Gebäuden

Emissions legislation:

- **Zákon č. 401/1998 Z.z.** o poplatkoch za znečisťovanie ovzdušia v znení zákona č. 161/2001 Z.z. zákona č. 553/2001 Z.z., zákona č. 478/2002 Z.z., zákona č. 525/2003 Z.z., zákona č. 587/2004 Z.z., zákona č. 571 /2005 Z.z., zákona č. 203/2007 Z.z., zákona č. 529/2007 Z.z. , zákona č. 515/2008 Z z., zákona č. 286/2009 Z.z. , zákona č. 409/2014 Z.z. a zákona č. 194/2018 Z.z.
- **Zákon č. 137/2010 Z.z.** o ovzduší v znení zákona č. 318/2012 Z.z., zákona č. 180/2013 Z.z., zákona č. 350/2015 Z.z., zákona č. 293/2017 Z.z., zákona č. 193/2018 Z.z. a zákona č. 74/2020 Z. z.

- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 314/2010 Z.z.** ktorou sa ustanovuje obsah programu znižovania emisií zo stacionárnych zdrojov znečisťovania ovzdušia a obsah údajov a spôsob informovania verejnosti
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 60/2011 Z.z.,** ktorou sa ustanovujú jednotlivé notifikačné požiadavky pre špecifický odbor oprávnených meraní, kalibrácií, skúšok a inšpekcií zhody podľa zákona o ovzduší
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 127/2011 Z.z.,** ktorou sa ustanovuje zoznam regulovaných výrobkov, označovanie ich obalov a požiadavky na obmedzenie emisií prchavých organických zlúčenín pri používaní organických rozpúšťadiel v regulovaných výrobkoch
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 410/2012 Z.z,** ktorou sa vykonávajú niektoré ustanovenia zákona o ovzduší v znení vyhlášky č. 270/2014 Z.z.,vyhlášky č. 252/2016 Z.z. a vyhlášky č. 315/2017 Z.z., 98/2021 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 411/2012 Z.z.** o monitorovaní emisií zo stacionárnych zdrojov znečisťovania ovzdušia a kvality ovzdušia v ich okolí v znení vyhlášky č. 316/2017 Z.z., 316/2017 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 231/2013 Z.z.** o informáciách podávaných Európskej komisii, o požiadavkách na vedenie prevádzkovej evidencie, o údajoch oznamovaných do Národného emisného informačného systému a o súbore technicko-prevádzkových parametrov a technicko-organizačných opatrení v znení vyhlášky č. 33/2017 Z.z. a vyhlášky č. 197/2018 Z.z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 228/2014 Z.z.,** ktorou sa ustanovujú požiadavky na kvalitu palív a vedenie prevádzkovej evidencie o palivách v znení vyhlášky č. 367/2015 Z .z. a vyhlášky č. 87/2020 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 195/2016 Z.z.** ktorou sa ustanovujú technické požiadavky a všeobecné podmienky prevádz-kovania stacionárnych zdrojov znečisťovania ovzdušia prevádzkujúcich zariadenia používané na skladovanie, plnenie a prepravu benzínu a spôsob a požiadavky na zisťovanie a preukazovanie údajov o ich dodržaní
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 244/2016 Z.z.** o kvalite ovzdušia v znení vyhlášky č. 296/2017 Z.z. a vyhlášky č. 32/2020 Z. z.
- **Oznámenie Ministerstva životného prostredia Slovenskej republiky č. 32/2011 Z.z.** o vydaní výnosu Ministerstva životného prostredia Slovenskej republiky č. 1/2010, ktorým sa ustanovujú podrobnosti o odbornom posudzovaní vo veciach ochrany ovzdušia
- **Oznámenie Ministerstva zahraničných vecí Slovenskej republiky č. 344/1998 Z.z.** k Dohovoru o diaľkovom znečisťovaní ovzdušia prechádzajúcom hranicami štátov z roku 1979 o ďalšom znižovaní emisií síry.
- **Zákon č. 286/2009 Z.z.** o fluórovaných skleníkových plynoch a o zmene a doplnení niektorých zákonov v znení zákona č. 321/2012 Z.z., zákona č. 180/2013 Z.z., zákona č. 348/2015 Z.z. a zákona č. 210/2019 Z.z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 314/2009 Z.z.,** ktorou sa vykonáva zákon o fluorovaných skleníkových plynoch a o zmene a doplnení niektorých zákonov v znení vyhlášky č. 382/2016 Z.z.
- **Zákon č. 321/2012 Z.z.** o ochrane ozónovej vrstvy Zeme a o doplnení niektorých zákonov v znení zákona č. 180/2013 Z.z.
- **Oznámenie Ministerstva zahraničných vecí Slovenskej republiky č. 343/1998 Z.z.** o Kodanskom protokolu o látkach, ktoré porušujú ozónovú vrstvu.
- **Oznámenie Ministerstva zahraničných vecí Slovenskej republiky č. 140/2000 Z.z.** o Dodatku k Montrealskému protokolu o látkach, ktoré poškodzujú ozónovú vrstvu.

- **Zákon č. 414/2012 Z.z.** o obchodovaní s emisnými kvótami a o zmene a doplnení niektorých zákonov v znení zákona č. 399/2014 Z.z., zákona č. 262/2015 Z.z., zákona č. 332/2017 Z.z., zákona č. 177/2018 Z.z. a zákona č. 296/2019 Z. z., 535/2021 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 271/2011 Z.z.,** ktorou sa ustanovujú kritériá trvalej udržateľnosti a ciele na zníženie emisií skleníkových plynov z pohonných látok v znení vyhlášky č. 191/2017 Z.z., 316/2020 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 85/2014 Z.z.,** ktorou sa ustanovuje celkové množstvo kvót znečisťujúcich látok
- **Verordnung - EG - Nr. 1516/2007** der Kommission vom 19. Dezember 2007 zur Festlegung der Standardanforderungen an die Kontrolle auf Dichtheit von ortsfesten Kälte- und Klimaanlagen sowie von Wärmepumpen, die bestimmte fluorierte Treibhausgase enthalten, gemäß der Verordnung - EG - Nr. 842/2006 des Europäischen Parlaments und des Rates
- **Verordnung - EG - Nr. 1005/2009** des Europäischen Parlaments und des Rates vom 16. September 2009 über Stoffe, die zum Abbau der Ozonschicht führen - Neufassung
- **Verordnung - EU - Nr. 517/2014** des Europäischen Parlaments und des Rates vom 16. April 2014 über fluorierte Treibhausgase und zur Aufhebung der Verordnung - EG - Nr. 842/2006
- **Bundes-Immissionsschutzgesetz – BimSchG** - Gesetz zum Schutz vor schädlichen Umwelteinwirkungen durch Luftverunreinigungen, Geräusche, Erschütterungen und ähnliche Vorgänge
- **Störfall-Verordnung – 12. BImSchV** - Zwölfte Verordnung zur Durchführung des Bundes-Immissionsschutzgesetzes
- **Dlgs. 152/2006** Decreto legislativo 3 aprile 2006, n. 152 Norme in materia ambientale
- **DPR 146/2018** recante attuazione del Regolamento (UE) n. 517/2014

Environmental audit legislation:

- **Nariadeníe Európskeho parlamentu a Rady (ES) č. 1221/2009** o dobrovoľnej účasti organizácií v schéme Spoločenstva pre environmentálne manažérstvo a audit – EMAS III.
- **Nariadenie Komisie (EÚ) 2017/1505** ktorým sa menia prílohy I, II a III k nariadeniu Európskeho parlamentu a Rady (ES) č. 1221/2009 o dobrovoľnej účasti organizácií v schéme Spoločenstva pre environmentálne manažérstvo a audit (EMAS).
- **Zákon NR SR č. 351/2012** o environmentálnom overovaní a registrácií organizácií v schéme Európskej únie pre environmentálne manažérstvo a audit a o zmene a doplnení niektorých zákonov.
- **Nariadenie Komisie (EÚ) č. 2018/2026,** ktorým sa mení príloha IV k nariadeniu Európskeho parlamentu a Rady (ES) č. 1221/2009 o dobrovoľnej účasti organizácií v schéme Spoločenstva pre environmentálne manažérstvo a audit (EMAS).
- **Nariadenie Európskeho parlamentu a Rady (ES) č. 1893/2006,** ktorým sa zavádza štatistická klasifikácia ekonomických činností NACE Revision 2.
- **Rozhodnutie Komisie č. 2017/2285/EÚ,** ktorým sa mení príručka pre používateľov s prehľadom podmienok účasti v EMAS podľa nariadenia Európskeho parlamentu a Rady (ES) č. 1221/2009 o dobrovoľnej účasti organizácií v schéme Spoločenstva pre environmentálne manažérstvo a audit (EMAS).

- **Rozhodnutie Komisie č. 2011/832/EÚ,** týkajúce sa Usmernenia o združenej reg-istrácii v EÚ, registrácií organizácií pre tretie krajiny a globálnej registrácie podľa nariadenia (ES) č. 1221/2009.
- **Odporúčanie Komisie č. 2003/532/ES** o usmernení pre implementáciu nariadenia (ES) č. 761/2001 Európskeho parlamentu a Rady umožňujúceho dobrovoľnú účasť organizácií v schéme environmentálneho manažérstva auditu (EMAS) Spoločenstva vzhľadom na výber a používanie indikátorov environmentálneho správania.
- **Odporúčanie Komisie č. 2003/361/ES,** ktoré sa týka definície mikro, malých a stredných podnikov.
- **Smernica Európskeho parlamentu a Rady č. 94/62/ES** z 20. decembra 1994 o obaloch a odpadoch z obalov v znení neskorších predpisov.
- **Smernica Európskeho parlamentu a Rady č. 2008/98/ES** z 19. novembra 2008 o odpade a o zrušení určitých smerníc.
- **Vyhláška Štatistického úradu SR č. 306/2007 Z.z.,** ktorou sa vydáva štatistická klasifikácia ekonomických činností.
- **Vyhláška Štatistického úradu SR č. 438/2004 Z.z.,** ktorou sa vydáva klasifikácia štatistických územných jednotiek.
- **Zákon NR SR č. 525/2003 Z. z.** o štátnej správe starostlivosti o životné prostredie a o zmene a doplnení niektorých zákonov v znení neskorších predpisov.
- **Zákon č. 39/2013 Z.z.** o integrovanej prevencii a kontrole znečisťovania životného prostredia a o znení a doplení niektorých zákonov.
- **Verordnung - EG - Nr. 1221/2009** des Europäischen Parlaments und des Rates vom 25. November 2009 über die freiwillige Teilnahme von Organisationen an einem Gemeinschaftssystem für Umweltmanagement und Umweltbetriebsprüfung und zur Aufhebung der Verordnung - EG - Nr. 761/2001, sowie der Beschlüsse der Kommission 2001/681/EG und 2006/193/EG - EMAS III
- **Beschluss (EU) 2019/62** der Kommission vom 19. Dezember 2018 über das branchenspezifische Referenzdokument für bewährte Umweltmanagementpraktiken, branchenspezifische Umweltleistungsindikatoren und Leistungsrichtwerte für die Automobilindustrie gemäß der Verordnung (EG) Nr. 1221/2009 über die freiwillige Teilnahme von Organisationen an einem Gemeinschaftssystem für Umweltmanagement und Umweltbetriebsprüfung (EMAS)

Water legislation:

- **Zákon č. 364/2004 Z.z.** o vodách a o zmene a doplnení zákona Slovenskej národnej rady č. 372/1990 Zb. o priestupkoch v znení neskorších predpisov (vodný zákon) v znení zákona č. 587/2004 Z.z., zákona č. 230/2005 Z.z., zákona č. 479/2005 Z.z., zákona č. 532/2005 Z.z., zákona č. 359/2007 Z.z., zákona č. 514/2008 Z.z., zákona č. 515/2008 Z z., zákona č. 384/2009 Z.z. , zákona č. 134/2010 Z.z. ,zákona č. 556/2010 Z.z., zákona č. 258/2011 Z.z., zákona č. 408/2011 Z.z., zákona č. 306/2012 Z.z., zákona č. 180/2013 Z.z., zákona č. 35/2014 Z.z., zákona č. 409/2014 Z.z. , zákona č. 262/2015 Z.z., zákona č. 303/2016 Z.z., zákona 277/2017 Z.z. , zákona č. 51/2018 Z.z., zákona č. 177/2018 Z.z. a zákona č. 284/2018 Z.z., zákona č. 305/2018 Z.z. a zákona č. 74/2020 Z. z. /Poznámka: Ústavný zákon č. 306/2014 Z.z., ,ktorým sa dopĺňa Ústava Slovenskej republiky č. 460/1992 Zb. v znení neskorších predpisov – čl. 4 ods. 2 „Preprava vody odobratej z vodných útvarov nachádzajúcich sa na území Slovenskej republiky cez hranice Slovenskej republiky dopravnými prostriedkami alebo potrubím sa zakazuje“., 517/2022 Z. z.
- **Zákon č. 305/2018 Z.z.** o chránených oblastiach prirodzenej akumulácie vôd a o zmene a doplnení niektorých zákonov, 517/2022 Z. z.

- **Zákon č. 442/2002 Z.z.** o verejných vodovodoch a verejných kanalizáciách a o zmene a doplnení zákona č. 276/2001 Z.z. o regulácii v sieťových odvetviach v znení zákona č. 525/2003 Z.z., zákona č. 364/2004 Z.z., zákona č. 587/2004 Z.z., zákona č. 230/2005 Z.z., zákona č. 515/2008 Z z., zákona č. 394/2009 Z.z., zákona č. 180/2013 Z.z., zákona č. 180/2013 Z.z. ,zákona č. 91/2016 Z.z. , zákona č. 51/2018 Z.z. a zákona č. 177/2018 Z.z., 517/2022 Z. z.
- **Vyhláška Ministerstva pôdohospodárstva Slovenskej republiky č. 124/2003 Z.z.,** ktorou sa ustanovujú podrobnosti o odbornej spôsobilosti na prevádzkovanie verejných vodovodov a verejných kanalizácií
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 397/2003 Z.z.,** ktorou sa ustanovujú podrobnosti o meraní množstva vody dodanej verejným vodovodom a množstva vypúšťaných vôd, o spôsobe výpočtu množstva vypúšťaných odpadových vôd a vôd z povrchového odtoku a o smerných číslach spotreby vody v znení vyhlášky č. 209/2013 Z.z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 55/2004 Z.z.,** ktorou sa ustanovujú náležitosti prevádzkových poriadkov verejných vodovo-doch a verejných kanalizácií
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 315/2004 Z.z.,** ktorou sa ustanovuje rozsah a početnosť odberu vzoriek a požiadavky na rozsah a vykonávanie rozborov odpadových vôd
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 262/2010 Z.z.,** ktorou sa ustanovuje obsah plánu obnovy verejného vodovodu, plánu obnovy verejnej kanalizácie a postup pri ich vypracúvaní
- **Zákon č. 7/2010 Z.z.** o ochrane pred povodňami v znení zákona č. 180/2013 Z.z., zákona č. 71/2015 Z.z., zákona č. 303/2016 Z.z., zákona č. 292/2017 Z.z. a zákona č. 74/2020 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 204/2010 Z.z.,** ktorou sa ustanovujú podrobnosti o vykonávaní predpovednej povodňovej služby
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 252/2010 Z.z.,** ktorou sa ustanovujú podrobnosti o predkladaní priebežných správ o povodňovej situácii a súhrnných správ o priebehu povodní, ich následkoch a vykonaných opatreniach
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 261/2010 Z.z.,** ktorou sa ustanovujú podrobnosti o obsahu povodňových plánov a postup ich schvaľovania
- **Vyhláška Ministerstva pôdohospodárstva, životného prostredia a regionálneho rozvoja Slovenskej republiky č. 419/2010 Z. z,** ktorou sa ustanovujú podrobnosti o vyhotovovaní máp povodňového ohrozenia a máp pov-odňového rizika, o uhrádzaní výdavkov na ich vypracovanie, prehodnocovanie a aktualizáciu a o navrhovaní a zobrazovaní rozsahu inundačného územia na mapách v znení vyhlášky č. 434/2019 Z. z.
- **Vyhláška Ministerstva životného prostredia Slovenskej republiky č. 159/2014 Z.z.,** ktorou sa ustanovujú podrobnosti o vyhodnocovaní výdavkov na povodňové zabezpečovacie práce, povodňové záchranné práce a povodňových škôd
- **Wasserhaushaltsgesetz - WHG 2010** - Gesetz zur Ordnung des Wasserhaushalts
- **Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen – AwSV**
- **Dlgs. 152/2006** Decreto legislativo 3 aprile 2006, n. 152 Norme in materia ambien

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Imprint

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Validation

The environmental auditors listed confirm that they have judged that as stated in this environmental declaration of the Magna PT B.V. & Co. KG organisation with registration number DE-136-00037, the sites at Hermann-Hagenmeyer-Strasse 1, 74199 Untergruppenbach; Industriestrasse 5, 78112 St. Georgen; Scarletallee 2, 50735 Cologne; Wilhelm-Maybach-Strasse 10a, 74196 Neuenstadt a.K.; Hermann-Hagenmeyer-Strasse 1, 74632 Neuenstein; Hermann-Hagenmeyer-Strasse 1, 74749 Rosenberg; Burgbernheimer Strasse 5, 91438 Bad Windsheim; Via dei Ciclamini 4, 70026 Modugno (BA) and Perínska cesta 282, 04458 Kechnec fulfil all requirements of the European Parliament and Council's EC Directive No.1221/2009 of 25th November 2009 as amended on 28th August 2017 and 19th December 2018 on the voluntary participation of organisations in a community system for environmental management and environmental auditing (EMAS).

Name of environmental auditor	**Registration number**	**Approved for areas (NACE)**
Dr. Hans-Peter Wruk	DE-V-0051	29.3 Manufacture of parts and fittings for motor vehicles
Brane Papler	DE-V-0425	
Guglielmo Romanini		Legal expert for Italy
Jan Strunc		Legal expert for Slovakia

With the signing of this declaration it is confirmed that:

- The audit and validation were performed in full compliance with the requirements of EC Directive No. 1221/2009 in the version revised by EC Directive 2017/1505 and EU 2018/2026 of the Commission.
- The result of the audit and validation confirms that there is no proof of non-compliance with valid environmental regulations and
- the data and statements of the environmental declaration give a reliable, plausible and true picture of all the organisation's activities.

This declaration cannot be regarded as equivalent to an EMAS registration. EMAS registration can only be done via a competent body in accordance with EC Directive No. 1221/2009. This declaration may not be used as a separate basis for informing the public.

Berlin, 14th October 2023

Dr. Hans-Peter Wruk
Environmental auditor

Brane Papler
Environmental auditor

Guglielmo Romanini
Legal expert for Italy

Jan Strunc
Legal expert for Slovakia

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List of abbreviations

AI	Artificial Intelligence
ASI	Aluminium Stewardship Initiative
DCT	Double Clutch Transmission
D&I	Diversity & Inclusion
DHD	Dedicated Hybrid Drive
EHS/SR	Environment Health Safety / Social Responsibility
EMAS	Eco-Management and Audit Scheme
EOS	Employee Opinion Survey
ESG	Environment Social Governacne
ET	Equivalent Transmission
GRI	Global Reporting Initiative
IATF	International Automotive Task Force
ILO	International Labor Organization
IRMA	Initiative for Responsible Mining Assurance
KPI	Key Performance Indicator
LCA	Life Cycle Assessment
LksG	Lieferkettensorgfaltspflichtengesetz
LTA	Lost Time Accident
OECD	Organisation for Economic Co-operation and Development
OHSAS	Occupational Health & Safety Assessment Series
RMI	Responsible Minerals Initiative
RSCI	Responsible Supply Chain Initiative
SDG	Sustainable Development Goal
TISAX	Trusted Information Security Assessment Exchange
UN	United Nations
WIN	Wirtschaftsinitiative für Nachhaltigkeit von Baden Württemberg